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ANNUAL REGISTER

OF THE

UNITED STATES NAVAL ACADEMY

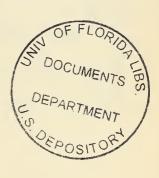
ANNAPOLIS, MD.

OCTOBER 1, 1924

EIGHTIETH ACADEMIC YEAR

1924-1925





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	III	

THE MISSION

To mould the material received into educated gentlemen, thoroughly indoctrinated with honor, uprightness and truth, with practical rather than academic minds, with thorough loyalty to country, with a ground-work of educational fundamentals upon which experience affoat may build the finished naval officer, capable of upholding, whenever and wherever may be necessary, the honor of the United States; and withal giving due consideration that healthy minds in healthy bodies are necessities for the fulfillment of the individual missions of the graduates; and that fullest efficiency under this mission can only be attained if, through just and humane yet firm discipline, the graduates carry into the Service respect and admiration for this Academy.

HENRY B. WILSON,
Rear Admiral, U. S. Navy,
Superintendent.

THE UNITED STATES NAVAL ACADEMY

The United States Naval Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy, in the administration of President James K. Polk. It was formally opened October 10 of that year under the name of the Naval School, with Commander Franklin Buchanan as superintendent. It was placed at Annapolis, Md., on the land occupied by Fort Severn, which was given up for the purpose by the War Department by the Hon. William L. Marcy, then Secretary of War. The course was fixed at five years, of which only the first year and the last were spent at the school, the intervening three years being passed at sea. This arrangement was not strictly adhered to, the exigencies of the service making it necessary, in many cases, to shorten the period of study. In January, 1846, four months after the opening of the school, the students consisted of 36 midshipmen of the date of 1840, who were preparing for the examination for promotion; 13 of the date of 1841, who were to remain until drafted for service at sea; and 7 acting midshipmen appointed after September of the previous year. The midshipmen of the date of 1840 were the first to be graduated, finishing their limited course in July, 1846, and they were followed in order by the subsequent dates until the reorganization of the school in 1850.

In September, 1849, the following board was appointed to revise the plan and the regulations of the Naval School:

> Commander William B. Shubrick. Commander Franklin Buchanan. Commander Samuel F. DuPont. Commander George P. Upshur. Surg. W. S. W. Ruschenberger. Prof. William Chauvenet.

Capt. Henry Brewerton, United States Army.

The plan reported by the board was approved and went into operation July 1, 1850. The new organization provided for a course of seven years, the first two and the last two at the school and the three intermediate years at sea. The school was placed under the supervision of the Bureau of Ordnance and Hydrography and its name was changed to the United States Naval Academy. The corps of professors was enlarged, the course was extended, and the system of separate departments with executive heads was fully adopted. It was provided that a Board of Visitors should make an annual inspection of the academy and report upon its condition to the Secretary of the Navy. A suitable vessel was attached to the academy as a practice ship and the annual practice cruises were begun.

After the system had been in operation a year new changes were proposed and the recommendations of the academic board on the subject were referred to the board of examiners for the year 1851, composed of the following-named officers:

Commodore David Conner. Capt. Samuel L. Breese. Commander C. K. Stribling. Commander A. Bigelow. Commander Franklin Buchanan.

Lieut. Thomas T. Craven.

The change recommended by the board of examiners and adopted by the department consisted mainly in leaving out the requirement of three years of sea service in the middle of the course, thus making the four years of study consecutive. The practice cruise supplied the place of the omitted sea service and gave better opportunities for training. The change went into operation in November, 1851, together with other improvements recommended by the board. This system has been continued, with some slight modifications, to the present time. The first class to receive the benefit of it was that which entered in 1851. Six members of this class completed the course in three years and were graduated in June, 1854; the remainder of the class followed in 1855.

In May, 1861, on the outbreak of the war the academy was moved to Newport, R. I. The three upper classes were detached and ordered to sea and the remaining acting midshipmen were quartered in the Atlantic House and on board the frigates *Constitution* and *Santee*. In the summer of 1865 the academy was brought back to Annapolis, where it has since remained.

When the Bureau of Navigation was established, July 5, 1862, the academy was placed under its supervision; March 1, 1867, it was placed under the direct care and supervision of the Navy Department, the administrative routine and financial management still being conducted through the bureau. On the 11th of March, 1869, this official connection with the bureau ceased, but was renewed by the general order of the Navy Department issued June 25, 1889.

The term of the academic course was changed by law March 3, 1873, from four to six years. The change took effect with the class that entered in the following summer.

In 1866 a class of acting third assistant engineers was ordered to the academy for instruction. The course embraced the subject of steam engineering, mechanism chemistry, mechanics, and practical exercises with the steam engine and in the machine shop. This class was graduated in June, 1868, together with two cadet engineers who had entered the academy in 1867. After an interval of four years, in October, 1871, a new class of cadet engineers was admitted. This class followed a two years' course, somewhat more extended than that of the class of 1868, and was graduated in 1873. In 1872 and 1873 new classes were admitted, the first of which left the academy in 1874 and the second in 1875. By an act of Congress approved February 24, 1874, the course of instruction for cadet engineers was made four years instead of two; the new provision was first applied to the class entering the academy in the year 1874. This class was graduated in June, 1878.

An act of Congress approved June 23, 1874, provides as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in all cases when it shall come to the knowledge of the Superintendent of the Naval Academy, at Annapolis, that any cadet midshipman or cadet engineer has been guilty of the offense commonly known as hazing, it shall be the duty of said superintendent to order a court-martial, composed of not less than three commissioned officers, who shall minutely examine into all the facts and circumstances of the case and make a finding thereon; and any cadet midshipman or cadet engineer found guilty of said offense by said court shall, upon recommendation of said court, be dismissed; and such finding, when approved by said superintendent, shall be final; and the cadet so dismissed from said Naval Academy shall be forever ineligible to reappointment to said Naval Academy.

By an act of Congress approved August 5, 1882, it was provided that from that date "there shall be no appointments of cadet midshipmen or cadet engineers at the Naval Academy, but in lieu thereof naval cadets shall be appointed from each congressional district and at large, as now provided by law for cadet midshipmen, and all the undergraduates at the Naval Academy shall hereafter be designated and called 'naval cadets,' and from those who successfully complete the six years' course appointments shall hereafter be made as it is necessary to fill vacancies in

the lower grades of the Line and Engineer Corps of the Navy and of the Marine Corps: And provided further, That no greater number of appointments into these grades shall be made each year than shall equal the number of vacancies which has occurred in the same grades during the preceding year; such appointments to be made from the graduates of the year, at the conclusion of their six years' course, in order of merit, as determined by the academic board of the Naval Academy; the assignment of the various corps to be made by the Secretary of the Navy, upon the recommendation of the academic board. But nothing herein contained shall reduce the number of appointments from such graduates below ten in each year, nor deprive of such appointment any graduate who may complete the six years' course during the year eighteen hundred and eighty-two. And if there be a surplus of graduates, those who do not receive such appointment shall be given a certificate of graduation, an honorable discharge, and one year's sea pay, as now provided by law for cadet midshipmen; and so much of section fifteen hundred and twenty-one of the Revised Statutes as is inconsistent herewith is hereby repealed.

"That any cadet whose position in his class entitles him to be retained in the service may, upon his own application, be honorably discharged at the end of four years' course at the Naval Academy, with a proper certificate of graduation."

In 1886 a special course of instruction in physiology and hygiene was established, in accordance with an act of Congress approved May 20 of that year.

The act of Congress approved March 2, 1889, provides that "the academic board of the Naval Academy shall on or before the thirtieth day of September in each year separate the first class of naval cadets then commencing their fourth year into two divisions, as they may have shown special aptitude for the duties of the respective corps, in the proportion which the aggregate number of vacancies occurring in the preceding fiscal year ending on the thirtieth day of June in the lowest grade of commissioned officers of the Line of the Navy and Marine Corps of the Navy shall bear to the number of vacancies to be supplied from the academy occurring during the same period in the lowest grade of commissioned officers of the Engineer Corps of the Navy; and the cadets so assigned to the Line and Marine Corps division of the first class shall thereafter pursue a course of study arranged to fit them for service in the Line of the Navy, and the cadets so assigned to the Engineer Corps division of the first class shall thereafter pursue a separate course of study arranged to fit them for service in the Engineer Corps of the Navy, and the cadets shall thereafter, and until final graduation at the end of their six years' course, take rank by merit with those in the same division according to the merit marks; and from the final graduates of the Line and Marine Corps division, at the end of their six years' course, appointments shall be made hereafter as it shall be necessary to fill vacancies in the lowest grades of commissioned officers of the Line of the Navy and Marine Corps; and the vacancies in the lowest grades of the commissioned officers of the Engineer Corps of the Navy shall be filled in like manner by appointments from the final graduates of the engineer division at the end of their six years' course: Provided, That no greater number of appointments into the said lowest grades of commissioned officers shall be made each year than shall equal the number of vacancies which shall have occurred in the same grades during the fiscal year then current; such appointments to be made from the final graduates of the year, in the order of merit as determined by the academic board of the Naval Academy, the assignment to be made by the Secretary of the Navy upon the recommendation of the academic board at the conclusion of the fiscal year then current; but nothing contained herein or in the naval appropriation act of August fifth, eighteen hundred and eighty-two, shall reduce the number of appointments of final graduates at the end of their six years' course below twelve in each year to the Line of the Navy and not less

than two shall be appointed annually to the Engineer Corps of the Navy, nor less than one annually to the Marine Corps; and if the number of vacancies in the lowest grades aforesaid occurring in any year shall be greater than the number of final graduates of that year the surplus vacancies shall be filled from the final graduates of the following years as they shall become available.

"That after the fourth day of March, eighteen hundred and eighty-nine, the minimum age of admission of cadets to the academy shall be fifteen years and the

maximum age twenty years."

In October, 1897, a postgraduate course in naval architecture for the education of officers for the Construction Corps of the Navy was established; and a class was formed from the naval cadets that had finished the four years' course in that year.

By an act of Congress approved March 3, 1899, "the officers constituting the Engineer Corps of the Navy" were transferred to the "Line of the Navy," thereby repealing so much of the act of Congress approved March 2, 1889, as relates to the separation of naval cadets of the first class into line and engineer divisions.

This same act having limited the number of constructors in the Navy to 40, the postgraduate course in naval architecture was discontinued.

By an act of Congress approved June 7, 1900, it was provided that—

"Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his congressional district or at large in accordance with the existing law."

By an act of Congress approved July 1, 1902, it was provided that-

"The title 'naval cadet' is hereby changed to 'midshipman."

"That until the year nineteen hundred and fourteen, in addition to the naval cadets now authorized by law (the title having been changed by this act to midshipmen), the President shall appoint five midshipmen, and there shall be appointed from the States at large, upon the recommendation of Senators, two midshipmen for each State."

By an act of Congress approved March 3, 1903, it was provided that-

"There shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and five each year at large: Provided, That the additional congressional appointments authorized by this act shall be made at such time as may be determined by the Secretary of the Navy, who shall equitably distribute the increase among the several States, districts, and Territories, so that ultimately, if practicable, each Senator, Representative, and Delegate may recommend for appointment during each Congress one midshipman: Provided further, That Members of the Fifty-seventh Congress, who will not be Members of the Fifty-eighth Congress, and in whose districts or States appointments have not been made or vacancies filled in the Fifty-seventh Congress, may immediately upon the passage of this act make the additional appointments herein provided for.

"The Secretary of the Navy shall, as soon as practicable after the fifth day of March in each year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy which may be regarded as existing in the State, district, or Territory which he represents, and the nomination of a candidate to fill such vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate. Such recommendations shall be made by the first day of June of that year, and if not so made the Secretary of the Navy shall fill the vacancy by the appointment of an actual resident of the State, district, or Territory in which the vacancy exists, who shall have been for at least two years immediately preceding his appointment an actual bona fide resident of the State, district, or Territory in which the vacancy exists and shall have the qualifications otherwise prescribed by law: And provided further, That the Superintend-

ent of the Naval Academy shall make such rules, to be approved by the Secretary of the Navy, as will effectually prevent the practice of hazing; and any cadet found guilty of participating in or encouraging or countenancing such practice shall be summarily expelled from the academy, and shall not thereafter be reappointed to the Corps of Cadets or be eligible for appointment as a commissioned officer in the Army or Navy or Marine Corps until two years after the graduation of the class of which he was a member.

"That the provision of this act for the increase of appointments of midshipmen to the Naval Academy shall continue in force until the thirtieth day of June, nineteen hundred and thirteen; and thereafter one midshipman, as now provided by law, shall be appointed for each Senator, Representative, and Delegate in Congress.

"That hereafter there shall be at the Naval Academy one midshipman from Porto Rico, who shall be a native of said island, and whose appointment shall be made by the President on the recommendation of the Governor of Porto Rico.

"That after January first, nineteen hundred and four, all candidates for admission to the Naval Academy at the time of their examination must be between the ages of sixteen and twenty years."

"All candidates for admission into the academy shall be examined according to such regulations and at such stated times as the Secretary of the Navy may prescribe. Candidates rejected at such examination shall not have the privilege of another examination for admission to the same class, unless recommended by the board of examiners." (R. S. sec. 1515.)

"When any candidate who has been nominated upon the recommendation of a Member or Delegate of the House of Representatives is found, upon examination, to be physically or mentally disqualified for admission, the Member or Delegate shall be notified to recommend another candidate, who shall be examined according to the provisions of the preceding section." (R. S., sec. 1516.)

An act of Congress approved April 9, 1906, reads as follows:

"AN ACT Granting authority to the Secretary of the Navy, in his discretion, to dismiss midshipmen from the United States Naval Academy and regulating the procedure and punishment in trials for hazing at the said academy

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be the duty of the Superintendent of the United States Naval Academy, whenever he shall believe the continued presence of any midshipman at the said academy to be contrary to the best interests of the service, to report in writing such fact, with a full statement of the facts upon which are based his reasons for such belief, to the Secretary of the Navy, who, if after due consideration of the said report he shall deem the superintendent's said belief reasonable and well founded, shall cause a copy of the said report to be served upon the said midshipman and require the said midshipman to show cause in writing and within such time as the said Secretary shall deem reasonable, why he should not be dismissed from the said academy; and after due consideration of any cause so shown the said Secretary may, in his discretion, but with the written approval of the President, dismiss such midshipman from the said academy. And the truth of any issue of fact so raised, except upon the record of demerit, shall be determined by a board of inquiry convened by the Secretary of the Navy under the rules and regulations for the government of the Navy.

"Sec. 2. That so much of the acts approved June twenty-third, eighteen hundred and seventy-four, and March third, nineteen hundred and three, as requires the Superintendent of the United States Naval Academy to convene a court-martial in all cases when it shall come to the knowledge of the said superintendent that any midshipman has been guilty of the offense commonly known as 'hazing,' and declares the finding of a court-martial so convened, when

approved by the said superintendent, final, and directs that any midshipman found guilty by such court-martial shall be summarily dismissed from the said academy, and also all other acts or parts of acts inconsistent with the present act, are hereby repealed, and that the offense known as 'hazing' may hereafter be proceded against, dealt with, and punished as offenses against good order and discipline and for violation and breaches of the rules of said academy. But no midshipman shall be dismissed for a single act of hazing except under the provisions of section three of this act.

"Sec. 3. That the Superintendent of the United States Naval Academy may, in his discretion, and with the approval of the Secretary of the Navy, cause any midshipman in the said academy to be tried by court-martial for the offense of hazing, as provided by the act approved June twenty-third, eighteen hundred and seventy-four, and such court-martial, upon conviction, may sentence such midshipman to any punishment authorized by the said act or by the act approved March third, nineteen hundred and three, or authorized for any violation or breach of the rules of the said academy by the said rules, or in cases of brutal or cruel hazing, may, in addition to dismissal, sentence such midshipman to imprisonment for a period not exceeding one year: *Provided*, That such midshipman shall not be confined in a military or naval prison or elsewhere with men who have been convicted of crimes or misdemeanors; and such finding and sentence shall be subject to review by the convening authority and by the Secretary of the Navy, as in the cases of other courts-martial.

"Sec. 4. That the offense of 'hazing,' as mentioned in this act, shall consist of any unauthorized assumption of authority by one midshipman over another midshipman whereby the last-mentioned midshipman shall or may suffer or be exposed to suffer any cruelty, indignity, humiliation, hardship, or oppression, or the deprivation or abridgement of any right, privilege, or advantage to which he shall be legally entitled.

"Sec. 5. That it shall be the duty of every professor, assistant professor, academic officer, or any cadet officer or cadet petty officer, or instructor, as well as every other officer stationed at the United States Naval Academy, to promptly report to the superintendent thereof any fact which comes to his attention tending to indicate any violation by a midshipman or midshipmen of any of the provisions of this act or any violation of the regulations of the said academy. Any naval officer attached to the academy who shall fail to make such report as provided in this section shall be dismissed from the service. Any civilian instructor attached to the academy who shall fail to make such report as provided in this section shall be dismissed by the superintendent of the academy upon the approval of the Secretary of the Navy.

"Sec. 6. That this act shall take effect from the date of its approval, but no midshipman now connected with the United States Naval Academy shall, by reason of its enactment, be punished for any offense heretofore committed otherwise than in pursuance of the sentence of a court-martial (if by existing law such sentence would be now necessary for such punishment) or punished more severely than is now by law allowed for any offense heretofore committed: *Provided*, That any midshipman now in said Naval Academy may waive his right to trial by court-martial under existing law for any offense of hazing heretofore commmitted and may accept punishment under the provisions of section two of this act."

By an act of Congress June 29, 1906, it was provided that—

"Hereafter the Secretary of the Navy shall, as soon as possible after the first day of June of each year preceding the graduation of the midshipmen on the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons, and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if such recommendation is made by the fourth day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, congressional district, or Territory in which the vacancy will exist, and of legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives or by the death or declination of a candidate for admission to the academy there occurs or is about to occur at the academy a vacancy from any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine. candidates allowed for the District of Columbia and all candidates appointed at large, together with alternates therefor, shall be selected by the President within the period herein prescribed for nomination of other candidates: Provided, That the President may select a candidate for the District of Columbia for the year nineteen hundred and eight.

"No person shall be admitted for instruction at the Naval Academy at Annapolis from any foreign country except upon authority of law hereafter enacted."

By an act of Congress approved March 7, 1912, it was provided—

"That the course at the Naval Academy shall be four years, and midshipmen on graduation shall be commissioned ensigns: Provided, That midshipmen now performing two years' service at sea in accordance with existing law shall be commissioned forthwith as ensigns from the date of the passage of this act: And provided, That those midshipmen of the class which was graduated in nineteen hundred and nine, who have completed two years' service afloat, and who are due for promotion, shall be commissioned ensigns to take rank with the other members of their class, according to their standing as determined by their final multiples, respectively, for the six years' course, from the fifth day of June, nineteen hundred and eleven, the date of rank to which they were entitled prior to the passage of this act: And provided further, That no back pay or allowances shall result by reason of the passage of this Act."

The class graduating from the Naval Academy June, 1912, was the first class to be graduated as ensigns.

By an act of Congress approved July 9, 1913, it was provided—

"That after June thirtieth, nineteen hundred and thirteen, and until June thirtieth, nineteen hundred and nineteen, there shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, and ten appointed each year at large: *Provided*, That the midshipmen on graduation shall be commissioned ensigns in the Navy or may be assigned by the Secretary of the Navy to fill vacancies in the lowest commissioned grades of the Marine Corps or Staff Corps of the Navy."

By an act of Congress passed June 30, 1914, it was provided—

"Hereafter, in addition to the appointments of midshipmen to the United States Naval Academy as now prescribed by law, the Secretary of the Navy is allowed fifteen appointments annually from the enlisted men of the Navy who are citizens of the United States and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination required before entrance under existing law."

An act of Congress approved February 15, 1916, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter there shall be allowed at the United States Naval Academy three midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, ten appointed each year at large, and fifteen appointed annually from enlisted men of the Navy as now authorized by law.

"Sec. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed."

Public Resolution, No. 7, Sixty-fourth Congress, approved February 15, 1916, provides as follows:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy be, and he hereby is, authorized to permit Mr. Carlos Hevia y Reyes Gavilan, a citizen of Cuba, to receive instruction at the United States Naval Academy at Annapolis: Provided, That no expense shall be caused to the United States thereby, and that the said Carlos Hevia y Reyes Gavilan shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of instruction, and that the said Carlos Hevia y Reyes Gavilan shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies, or conduct, and so recommended by the academic board."

An act of Congress approved August 29, 1916, provides as follows:

"Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the President is hereby allowed fifteen appointments annually instead of ten as now prescribed by law, and the Secretary of the Navy is allowed twenty-five appointments annually instead of fifteen as now prescribed by law, the latter to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: Provided, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical exminations required before entrance under existing laws.

"That hereafter the Secretary of the Navy is authorized to permit not exceeding four Filipinos, to be designated one for each class, by the Governor General of the Philippine Islands, to receive instruction at the United States Naval Academy at Annapolis, Maryland: *Provided*, That the Filipinos undergoing instruction, as herein authorized, shall receive the same pay, allowances, and emoluments, to be paid out of the same appropriations, and shall be subject to the same rules and regulations governing admission, attendance, discipline, resignation, discharge, dismissal, and graduation as are authorized by law and

regulation for midshipmen appointed from the United States, but the Filipino midshipmen herein authorized shall not be entitled to appointment to any commissioned office in the United States Navy by reason of their graduation from the Naval Academy.

"Provided further, That no midshipman at the United States Naval Academy or cadet at the United States Military Academy who fails to graduate therefrom shall be eligible for appointment as a commissioned officer in the Marine Corps until after the graduation of the class of which he was a member."

An act of Congress approved March 4, 1917, provides as follows:

"Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the Secretary of the Navy is allowed one hundred appointments annually instead of twenty-five as now prescribed by law, to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have, in competition with each other, passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination before entrance under existing laws.

"The President, in his discretion, is authorized to reduce the course of instruction at the Naval Academy from four to three years for a period of two years from the date of the approval of this act, and may during said two years graduate classes which have completed a three-year course."

An act of Congress approved April 25, 1917, reads as follows:

"AN ACT To increase the number of midshipmen at the Naval Academy until September first, nineteen hundred and eighteen

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That, in addition to the number of midshipmen now authorized by law, there shall be appointed during the period from the date of passage of this act until September first, nineteen hundred and eighteen, one additional midshipman for each Senator, Representative, and Delegate in Congress. Nominations shall be made for these vacancies by the Senators, Representatives, and Delegates concerned for any regular or special examination that may be ordered before that date."

An act of Congress approved December 20, 1917, reads as follows:

"Be it enacted, by the Senate and House of Representaives of the United States of America in Congress assembled, That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enslited men of the Navy, as now authorized by law.

"Sec. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed."

An act of Congress approved April 2, 1918, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President be, and he is hereby, authorized, until August first, nineteen hundred and twenty-one, to reduce, in his discretion, the course of instruction at the United States Naval Academy from four to three years and to graduate classes which have completed such reduced courses of instruction."

The following classes were graduated in accordance with the act of Congress of April 2, 1918, authorizing a reduction in the course:

Class	Date graduated	Members graduated	
1917	Mar. 29, 1917 June 28, 1917 June 6, 1918 June 6, 1919 June 3, 1920	182 199 199 460 286	

On June 6, 1919, the class of 1921 was divided, and the first half, according to general merit for the third-class year, became the first class and continued the three years' course; the second half became the second class and resumed the four years' course.

An act of Congress approved May 14, 1918, reads as follows:

"AN ACT To fix the age limits for candidates for admission to the United States Naval Academy

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter all candidates for admission to the Naval Academy must be not less than sixteen years of age nor more than twenty years of age on April first of the calendar year in which they enter the academy: Provided, That the foregoing shall not apply to candidates for midshipmen designated for entrance to the academy in nineteen hundred and eighteen."

An Act of Congress approved July 11, 1919, reads as follows:

"Section 1 of the act entitled 'An act to increase the number of midshipmen at the United States Naval Academy,' approved December 20, 1917, is hereby amended so as to read as follows: That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, Delegate in Congress, and Resident Commissioner from Porto Rico, and five for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, and members of the Naval Reserve Force on active duty, as now authorized by law."

This act also provides that all midshipmen entering the Naval Academy subsequent to June 1, 1919, shall be allowed mileage, at 5 cents per mile, while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen, and that the pay of midshipmen shall hereafter be \$780 per annum.

The following clause was contained in the deficiency act approved June 5, 1920: "That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms, shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms."

A clause in the naval appropriation bill, act of July 12, 1921, provides that a candidate for midshipman so desiring may receive a credit of \$250 upon entrance toward defraying the entering expenses.

An act providing for the readmission of certain deficient midshipmen to the United States Naval Academy, approved October 22, 1921, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy is authorized, upon application, to admit to and reinstate in the United States Naval Academy, subject to examination as to physical qualifications, as provided by law, but waiv-

ing the provisions of law as to age requirements, all former midshipmen at the United States Naval Academy found deficient at the end of the first term of the academic year 1920–21 whose resignations were asked for and received by the superintendent of the Naval Academy: *Provided*, That they shall upon admission be placed in the class one year behind their former class in each case: *Provided further*, That said midshipmen affected by this act must signify their acceptance of the benefits thereof by presenting themselves for physical examination within one month of the date of its approval, and if found qualified will enter the Naval Academy immediately.

"Sec. 2. That the clause in the act approved June 5, 1920 (Forty-first Statutes, page 1028), entitled 'An act making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1920, and for other purposes,' which reads as follows: 'That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms, and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms,' be, and the same hereby is, repealed, and section 1519 of the Revised Statutes restored to its full force and effect."

Public Resolution, No. 72, Sixty-seventh Congress, approved September 18, 1922, provides as follows:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy be, and hereby is, authorized to permit Mr. Willem van Doorn, a subject of the Netherlands, to receive instruction at the United States Naval Academy at Annapolis: Provided, That no expense shall be caused to the United States thereby, and that the said Willem van Doorn shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of instruction, and that the said Willem van Doorn shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies or conduct and so recommended by the academic board."

An act of Congress approved January 22, 1923, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission, subsequent to the class entering the Naval Academy next after the approval of this act, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of one midshipman from Porto Rico, appointed on the nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved May 28, 1924, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipman whose admission subsequent to February 9, 1924, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: Provided further, That nothing herein contained shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

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	Assumed command
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Commander George P. Upshur	- '
Commander Cornelius K. Stribling	
Commander Louis M. Goldsborough	
Captain George S. Blake	
Rear Admiral David D. Porter	
Commodore John L. Worden	
Rear Admiral Christopher R. P. Rodgers	,
Commodore Foxhall A. Parker	
Rear Admiral George B. Balch	
Rear Admiral Christopher R. P. Rodgers	
Captain Francis M. Ramsay	·
Commander William T. Sampson	
Captain Robert L. Phythian	
Captain Philip H. Cooper	
Rear Admiral Frederick V. McNair	,
Commander Richard Wainwright	
Captain Willard H. Brownson	,
Captain Charles J. Badger	
Captain John M. Bowyer	
Captain John H. Gibbons	
Captain William F. Fullam	
Captain Edward W. Eberle	* '
Captain Archibald H. Scales	
Rear Admiral Henry B. Wilson	July 5, 1921

BOARD OF VISITORS

BY THE PRESIDENT

Mr. Marion Eppley.

Mr. Daniel V. Gallery.

Mr. John Hays Hammond.

Mr. Lionel K. Legge.

Rear Admiral W. L. Rodgers, U. S. Navy (Retired).1

Dr. Henry Suzzallo.

Mr. James T. Williams, jr.

BY THE PRESIDENT OF THE SENATE

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Hon. LeBaron B. Colt.2

Hon. O. E. Weller.

Hon. Park Trammell.2

Hon. Edwin S. Broussard.2

BY THE SPEAKER OF THE HOUSE

Hon. Thomas S. Butler.2

Hon, Clark Burdick.

Hon. James M. Magee.

Hon. James V. McClintic.2

Hon. Herbert J. Drane.

Hon. Walter F. Lineberger.

Lieut. Comdr. Joseph A. Murphy, U. S. Navy, secretary to Board of Visitors.

¹ President.

² Were not present.

ACADEMIC CALENDAR 1924-25

Sept. 26. Beginning of first term. Friday

1924

14

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	Beginning of second			
	Examination of cano Examination of cano		-	
May 27	End of academic year	ar 1924-25	Wednesday	
	Graduation week Graduation day			Wednesday
	Beginning of summe		-	
*	End of summer term		Thursday	
Sept. 25	Beginning of acades 1925–26		Friday	
The academic mo	onths for 1924-25 will	end as follows	s:	
FIRST	TERM		SECOND TERM	
	Oct. 25			
		March		
	T 01			

January Jan. 31 May May 27

Calendar for 1924 and 1925

BOLD FIGURES DENOTE END OF ACADEMIC MONTH

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Departmental Assignments of Officers and Civilian Instructors Attached to the United States Naval Academy, 1924-25

Rear Admiral Henry B. Wilson, Superintendent.

Commander Isaac C. Kidd, In Charge of Buildings and Grounds.

Commander George W. Kenyon, Aid for Academic Activities and Secretary to Academic Board.

Lieut. Commander Mahlon S. Tisdale, Aid.

Mr. Peter H. Magruder, Secretary Naval Academy.

EXECUTIVE DEPARTMENT

Capt. HAROLD E. COOK, Commandant | Lieut. ROBERT B. DASHIELL. of Midshipmen.

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Commander Charles C. SLAYTON.

Commander Robert C. Giffen.

Commander Francis A. L. Vossler.

Commander Schuyler F. Heim.

Lieut, Commander CARY W. MA-GRUDER.

Lieut. Commander James D. MA-LONEY.

Lieut. Commander WILLARD E. CHEADLE.

Lieut. Commander WILLIAM G. GREEN-MAN.

Lieut. MARTIN J. CONNOLLY.

Lieut, WILLIAM E. G. ERSKINE.

Lieut. Russell M. Ihrig.

Lieut, FLOYD S. CROSLEY.

Lieut, CHARLES E. CONEY.

Lieut, Walter C. Ansel.

Lieut. Commander Dallas B. Wain-WRIGHT, ir. (S. C.).

Lieut. Commander Hervey B. Rans-DELL (S. C.).

Lieut. HOWARD N. HILL (S. C.).

Lieut. (J. G.) Percy Briggs (S. C.).

Instructor Joseph W. Crosley.

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Lieut. Commander Herbert A. Jones.

Lieut. Commander Philip SEYMOUR.

Lieut. Commander HARVEY S. HAISLIP.

Lieut, Commander RICHARD S. FIELD.

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Lieut, LEROY W. BUSBEY, ir.

Lieut, Alexander C. Kidd.

Lieut. ERNEST W. VON HEIMBURG.

Lieut. JAMES J. HUGHES.

Boatswain Thomas O. KIRBY.

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Lieut. Commander HERBERT O. ROESCH. Lieut. Commander Elliott B. Nixon.

Lieut. Homer L. Grosskopf.

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Lieut. Elmer R. Hill.

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Lieut. JAMES L. HOLLOWAY, jr.

Gunner Joseph Pranis.

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Lieut. Commander Philip V. H.
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Lieut. Ralph C. Alexander.
Lieut. Stephen K. Hall.

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Lieut. WILLIAM S. B. CLAUDE.

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Lieut. STALEY H. GAMBRILL.

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Liuet. Robert N. S. Baker (C. C.).

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Chief Machinist John E. Burger.
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Lieut. Commander WILLIAM C. OWEN.

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Lieut. Commander Scott D. Mc-Caughey.

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Lieut. LISLE HENIFIN.

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Asst. Prof. John C. Gray.

Asst. Prof. DAVID G. HOWARD.

Asst. Prof. EARL W. THOMSON.

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Asso. Prof. Howard McCormick.

Asso. Prof. Henry F. Sturdy. Asst. Prof. Charles L. Lewis.

Asst. Prof. ROYAL S. PEASE.

Asst. Prof. Roderick S. Merrick.

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Asst. Prof. Fred I. Myers.

Instructor CLYDE B. FORTNA.

Instructor Arnold A. McKay.

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Commander WILHELM L. FRIEDELL.

Asso. Prof. Arturo Fernández.

Asso. Prof. WILLIAM E. OLIVET.

Asso. Prof. Molton A. Colton.

Asso Prof. Hyme Loss.

Asso. Prof. Michele A. Vaccariello

Asst. Prof. Lucien L. R. Fournon.

Asst. Prof. Otho W. Allen.

Asst. Prof. Joseph M. Purdie.

Asst. Prof. Clarence V. Fowler.

Asst. Prof. HENRY BLUESTONE.

Asst. Prof. Daniel Jordon.

Asst. Prof. PAUL A. LAJOYE.

Asst. Prof. Homer B. Winchell.

Asst. Prof. John A. RAY.

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Lieut. (J. G.) John E. Whelchel.¹
Lieut. (J. G.) Lyman S. Perry.¹
Ensign Warren S. Parr.¹
Ensign Claude H. Bennett.¹
Ensign George W. Welker.¹
Ensign Stephen G. Barchet.¹
Ensign Carl E. Cullen.¹
Boatswain Frederick W. Filbry.
Chief Instructor Louis H. Mang.
Asst. Chief Instructor George Heintz.

Asst. Chief Instructor John Schutz. Instructor Frank J. Sazama. Instructor Henry Ortland, jr. Instructor John N. Wilson. Instructor Hamilton M. Webb. Instructor Richard J. Glendon. Instructor Joseph W. Graham. Instructor M. Frank Lynch. Instructor Thomas G. Taylor. Instructor Frank L. Foster. Instructor Walter Aamold.

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Lieut. Comdr. RICHARD H. MILLER (M. C.).

Lieut. Comdr. Marion E. Harrison (M. C. D. S.).

Lieut. Clarence J. Brown (M. C.). Lieut. Andrew L. Burleigh (M. C. D. S.). Lieut. William P. Mull (M. C.).
Lieut. Harry L. Kalen (M. C. D. S.).
Lieut. Robert H. Fladeland (M. C. D. S.).
Lieut. George E. Mott (M. C.).
Lieut. James F. Terrell (M. C.).
Lieut. John T. O'Connell (M. C.).
Lieut. Henry G. Ralph (M. C. D. S.).
Lieut. William D. Day (M. C. D. S.).
Pharmacist Arthur L. Crowder.

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Asst. Prof. RICHARD J. DUVAL.

CURATOR

Prof. HERMAN F. KRAFFT.2

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Prof. MILTON C. STUART.

Prof. RALPH E. ROOT.

Prof. Earle B. Fox.

Asso. Prof. Paul J. Kiefer.

1 Temporary duty as coaches.

2 Additional duty in Department of English.

Asso. Prof. Charles C. Bramble. Asso. Prof. Albert F. Wagner.

Asst. Prof. RALPH S. WILBUR.

Asst. Prof. EDWARD H. LANGE.

Asst. Prof. Guy E. Grantham.

Asst. Prof. Charles H. Rawlins.

Asst. Prof. Michael N. Idleson.

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Lieut. James E. Maher.

Lieut. OSCAR W. ERICKSON.

Lieut. Donald B. Duncan.

Lieut. Francis T. Spellman.

Lieut. Francis A. Smith.

Lieut. J. WARREN QUACKENBUSH.

Lieut. HARRY D. HOFFMAN.

Lieut. JAMES D. MURRAY, Jr.

Lieut. JEROME L. ALLEN.

Lieut. Frank C. Fake.

Lieut. Alfred M. Pride.

Lieut. Homer B. Davis.

Lieut. Scott G. Lamb.

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Lieut. (J. G.) PAUL G. HAAS.

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Lieut. (J. G.) EMMET P. FORRESTEL.

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Lieut. (J. G.) Frank Rorschach, Jr.

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Lieut. (J. G.) John N. Kelty.

Lieut. (J. G.) ROGER BROOKS.

Lieut. (J. G.) SELDEN CHAPIN.

Lieut. (J. G.) Edgar P. Kranzfelder.

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Lieut. (J. G.) PETER F. HUNT.

Lieut. (J. G.) LEWIS CORMAN.

Lieut. (J. G.) HUGH E. HAVEN.

Lieut. (J. G.) EDWIN F. CONWAY.

Lieut. (J. G.) FRED B. KAUFFMAN.

Lieut. (J. G.) KARL J. CHRISTOPH.

Lieut. (J. G.) James H. Chadwick.

Lieut. (J. G.) AUGUSTUS J. WELLINGS.

Lieut. (J. G.) Alfred O. R. Bergesen.

Lieut. (J. G.) PAUL R. HEINEMAN.

Lieut. (J. G.) JEROME F. DONOVAN, Jr.

Lieut. (J. G.) Jennings B. Dow. Lieut. (J. G.) Roy W. M. Graham.

Lieut. (J. G.) KOY W. M. GRAE

Lieut. (J. G.) HARRY H. HILL.

Lieut. (J. G.) MARTIN J. GILLAN, Jr. Lieut. (J. G.) VALENTINE M. DAVIS.

Lieut. (J. G.) Jesse B. Goode.

Lieut. (J. G.) Hugh W. Turney.

Lieut. (J. G.) HOWARD C. RULE, Jr.

Lieut. (J. G.) WILLARD M. DOWNES.

Lieut. (J. G.) CHARLES D. MURPHEY.

Lieut. (J. G.) WILLIAM P. HEPBURN.

Lieut. (J. G.) CHARLES L. SURRAN. Lieut. (J. G.) WILLIAM G. LIVING-

STONE. Lieut. (J. G.) ELMER KIEHL.

Lieut. (J. G.) WILLIAM A. HARDY.

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Ensign Leslie A. Kniskern.

Ensign Edward C. Craig.

Ensign Leland D. Whitgrove.

Ensign Henry P. Needham.

Ensign Bernard E. Manseau.

Ensign MILO R. WILLIAMS.

Ensign ARTHUR W. BRYAN.

Ensign IRVING L. LIND.

Ensign Beauford W. Fink, Jr.

Ensign John R. Perry.

Ensign HARRY A. Bolles.

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U. S. S. "REINA MERCEDES" (STATION SHIP)

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Capt. Robert M. Kennedy (M. C.). Commander Addison B. Clifford (M. C.).

Lieut. Commander Alfred L. Clifton (M. C.).

Lieut. Commander WILLIAM H. MI-CHAEL (M. C.). Lieut. Gerald Selby (M. C.). Lieut. James E. Fetherston (M. C.). Lieut. Daniel P. Platt (M. C.) Chief Pharmacist Jason H. Barton. Chief Pharmacist Roscoe C. Rowe. Chief Pharmacist Leon H. French. Pharmacist Frank R. Bork.

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Capt. PAUL B. DUNGAN.
Commander PHILIP H. HAMMOND.
Lieut. FREDERICK PETRY.

NAVAL RADIO STATION (HIGH POWER)

Lieut. Paul B. Thompson. Chief Gunner William J. Volkman.

NAVY COMMISSARY STORE

Lieut. William T. Williams (S. C.). Pay Clerk James E. Shea.

¹ Additional duty in E. E. & P. Department.

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THE SUPERINTENDENT.

THE COMMANDANT OF MIDSHIPMEN.

THE HEAD OF THE DEPARTMENT OF SEAMANSHIP.

THE HEAD OF THE DEPARTMENT OF ORDNANCE AND GUNNERY.

THE HEAD OF THE DEPARTMENT OF NAVIGATION.

THE HEAD OF THE DEPARTMENT OF MARINE ENGINEERING AND NAVAL CON-STRUCTION.

THE HEAD OF THE DEPARTMENT OF MATHEMATICS.

THE HEAD OF THE DEPARTMENT OF ELECTRICAL ENGINEERING AND PHYSICS.

THE HEAD OF THE DEPARTMENT OF ENGLISH.

THE HEAD OF THE DEPARTMENT OF MODERN LANGUAGES.

THE HEAD OF THE DEPARTMENT OF HYGIENE.

THE HEAD OF THE DEPARTMENT OF PHYSICAL TRAINING.

23

PRACTICE CRUISE, 1924

There was no regular Naval Academy practice squadron for the summer practice cruise, 1924.

Officers and midshipmen detailed for the practice cruise embarked on June 5, 1924, and disembarked on August 28, 1924.

The midshipmen of the first, second, and third classes were assigned to the following ships of Division Two, Battleships Division, Scouting Fleet: Wyoming (flagship), New York, Texas, and Arkansas.

The itinerary of the midshipmen's practice cruise was as follows:

Place	Arrival	Departure
Annapolis Tor Bay Brest Rotterdam (Wyoming, Ar-	Friday, May 30	Thursday, June 5. Wednesday, June 25. Monday, July 7. Friday, July 25.
kansas). Antwerp (New York, Texas) Gibraltar Ponta Delgada Lynnhaven Bay (target practice). Annapolis	Thursday, July 31	Do. Monday, August 4. Saturday, Aug. 9. Wednesday, Aug. 27.

MERIT ROLLS FOR 1923-24

Merit rolls, made out annually for each class, show the proficiency of the midshipmen in each branch of study. The numbers given in the table, showing the relative weight of the different branches, are used as coefficients, the final mark in each branch (on a scale of 4) being multiplied by the number assigned to that branch. The sum of the products, after adding the multiple for discipline, is the final mark of the midshipmen for the year.

In the graduating merit roll the final standing for the course is determined by

the sum of the yearly multiples.

Midshipmen who attain 85 per cent of the multiple for a year shall be distinguished by a star affixed to their names on the annual merit rolls. (Regut lations, U. S. Naval Academy, 1923, par. 167.)

The diplomas of midshipmen whose final multiples on the graduating meriroll are not less than 85 per cent of the maximum shall read "Passed with distinction"; those whose final multiples are less than 85 per cent but not less than 75 per cent of the maximum shall read "Passed with credit"; and those whose final multiples are less than 75 per cent of the maximum shall read "Passed." (Regulations, U. S. Naval Academy, 1923, par. 168.)

* Received 85 per cent of multiple.

A Completed course; diploma and commission withheld pending action on physical disability.

- a Graduated; physically disqualified on annual examination; granted reexamination, but voluntarily resigned in advance of reexamination.
 - b Resignation accepted upon graduation due to physical disqualification.
 - c Turned back into next lower class on account of conduct.
 - d Continued with class pending delayed examinations due to illness.
 - dd Died.
- e Diploma withheld; sent on practice cruise as disciplinary measure; later graduated and commissioned.
 - f Dismissed.
 - g Found physically disqualified upon reexamination; resigned.
 - h Deficient in studies; turned back.
 - i Deficient in studies; required to resign.
 - MC Assigned to Marine Corps upon graduation.
- m Reinstated under act of Congress, approved October 21, 1921. Date and age used are date and age upon reinstatement.
 - o Deficient in studies; retained in next lower class on account of illness.
 - p Turned back into this class on account of illness.
 - r Resigned.
 - s Voluntary resignation accepted immediately upon graduation.
 - SC Assigned to Supply Corps upon graduation.
 - t Recommended for dismissal, but permitted to resign.
 - u Did not graduate; recommended for dismissal, but resignation accepted.
 - w Turned back into next lower class on account of illness.
 - x Deficient for first term; turned back into this class.
 - y Turned back into this class on account of conduct.

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 523 graduated

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
1110111	Maxima	80	160	300	400	940
*1	Morgan, A. M.	69. 15	141. 50	264. 82	359. 31	834. 78
*2	Hatcher, R. S.	67. 89	140. 93	265. 42	357. 94	832. 18
*3	Richards, W. L	70.17	137. 20	262. 56	353. 15	823. 08
*4	Clexton, E. W	67. 22	134. 25	262. 71	358. 20	822. 38
*5	Duke, I. T.	71. 44	138. 79	256. 12	356. 03	822. 38
*6	Hedding, T. J.	67. 06	138. 33	260. 58	354. 24	820. 21
*7	Wood, C. C	67. 53	137. 60	258. 54	355. 89	819. 56
s *8	Waller, G. W. D., jr	65. 29	135. 50	265. 90	349. 94	816. 63
*9	Dartsch, F. A. L	65. 27	137. 13	255. 95	357. 34	815. 69
*10	Dockweiler, E. V	67. 51	136. 99	257. 95	351, 23	813. 68
*11	Cochran, W. P., jr	65. 37	137. 39	255. 43	353. 28	811. 47
*12	Kraft, W. E	67. 53	136.94	261. 03	344. 60	810. 10
*13	Scheibeler, J. J.	68. 50	139. 43	258. 88	341. 88	808. 69
*14	Woodyard, E. L	68. 34	138. 66	258. 66	342. 65	808. 31
*15	Ekstrom, C. E	63. 23	131. 68	259. 78	352. 79	807. 48
*16	Elliott A.B.	67. 84	135. 23	257. 45	344. 46	804. 98
*17	Harrison, H. H.	66.34	136.88	253. 80	347. 21	804. 23
*18	Fisher, W. G.	64. 26	131. 23	259. 93	348. 27	803. 69
*19	Hayes, J. A.	68. 62	132. 56	256. 44	345. 94	803. 56
s20	Borgen, K. R.	63. 75	128. 96	259. 75	346. 17	798. 63
21	Cunningham, E. A	70. 91	136. 74	250. 87	339. 16	797. 68
22	Rose, R. E., jr.	63. 86	131. 06	258. 02	343. 71	796. 65
23	Gregor, O. F.	62. 08	131. 51 137. 48	252. 47 249. 83	349. 76 336. 93	795. 82
24 25	Herring, L. R	68. 29 62. 54	137. 48	249. 83	348. 06	792. 53 792. 44
26	Rook, E. C.	65. 85	134. 59	255. 68	334, 59	792. 44
27	Campbell, R. L., jr	67. 29	133. 25	253. 97	335. 71	790. 71
28	Hogg, J. T.	69. 36	135. 43	254. 94	330. 19	789. 92
29	Resse, C. B.	60. 65	125. 43	245. 73	357. 80	789. 61
30	Mansfield, W. N.	69. 24	139. 14	250. 99	328. 50	787. 87
31	Towner, G. C	65. 52	131. 79	250. 20	338. 91	786. 42
32	Hickey, W. A.	67. 56	138. 20	253. 47	326. 75	785. 98
33	Bearce, H. P.	65. 24	134. 66	255. 46	328. 18	783. 54
34	Sisson, T. U., jr	63. 61	134. 83	251. 82	332. 95	783. 21
a35	Auerbach, E. H.	65. 86	° 132. 83	250. 94	332. 96	782. 59
36	Wilson, R. E	64. 41	130. 50	248.15	339. 14	782. 20
37	Nuesse, L. W	59. 78	127. 38	250. 08	344. 91	782. 15
38	Dyer, T. H.	66. 33	129. 20	246. 55	339. 05	781. 13
39	Napier, T. D.	68. 94	130. 03	246. 54	335. 58	781. 09
40	Lamberth, H. R.	63. 18	129. 91	247. 49	340. 50	781. 08
41	Sawyer, M. A	60. 42	127. 45	244. 65	348. 54	781. 06
42	Fairbairn, D. W	68. 13	132. 76	245.78	333. 95	780. 62
43	Bachman, L. A.	67. 26	133. 77	244. 91	334. 44	780. 38
44	Cole, W. M	65. 56	131. 56	242. 76	340. 29	780. 17
45	Simmons, W. F	67. 76	132. 02	252. 24	328. 03	780. 05

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
	Maxima	80	160	300	400	940
s46	Leman, A. L., jr	67. 27	135. 54	250. 65	326. 55	780. 01
47	Eckberg, W. T	64. 72	134. 99	245. 78	334, 15	779. 64
48	Tracy, O. V	66. 74	131. 61	249. 34	331. 84	779. 53
49	Fines, C. A	62. 46	129. 33	251. 92	335. 42	779. 13
50	Rawlins, E. W	65.87	127. 82	247. 99	337. 63	779. 11
51	Smith, J. W	64. 98	133. 74	240. 58	339. 19	778. 49
52	Yeomans, E. E	62. 82	130. 59	249. 10	335. 90	778. 41
53	Crowe, E. F	68. 59	132. 05	245. 74	331. 43	777. 81
54	Waid, R. T.	62. 48	129. 30	240. 16	343. 86	775. 80
55	Berthold, E. E.	64. 17	130. 47	244. 00	336. 61	775. 25
56	Michelet, W. G.	68. 97	132. 08	246. 80	327. 34	775. 19
57	Grandfield, F. J.	65. 89	129. 53	242. 51	336. 42	774. 35
58	Beakley, W. M.	67. 27	129. 71	245. 59	331. 15	773. 72
S.C. 59	Beatty, C. E.	61. 59	129. 08	246. 43	336. 23	773. 33
M C 60	Replinger, C. F	67. 22	132. 72	242. 18	331. 02	773. 14
61	Hopping, H. L.	64. 46	123. 23	248. 37	336. 99	773. 05
62	Bradley, M. M.	60. 49	126. 98	246. 27	339. 01	772. 75
s63	Moore, W. T.	69. 85	135. 93	243. 73	323. 06	772. 57
64	Garvin, J. H.	60. 49	129. 20	244. 39	337. 90	771. 98
65	Rice, L. K	67. 80	126. 75	242. 60	334. 46	771. 61
M C 66	Becker, H. P.	59. 96	124. 90	244. 32 245. 23	342. 29 326. 63	771. 47 770. 55
M C 67	Hunt, A. T	68. 14	130. 55	239. 56		770. 35
68 69	Barchet, S. G.	63. 78 63. 61	128.90 129.05	247. 32	338. 01 327. 73	767. 71
	Tammany, W. P.	61. 13	131. 00	244. 65	329. 77	766. 55
s70 71	Kreiser, A. W., jr Cutler, S. Y	61. 84	128. 51	239. 00	337. 10	766. 45
72	Freels, A. J.	63. 62	131. 63	243. 53	327. 49	766. 27
73	Hooper, A. M.	62. 85	124. 27	243. 96	335. 18	766. 26
M C 74	Purple, W. C.	61. 86	125. 92	240. 88	337. 31	765. 97
75	France, W. C.	66. 88	130. 63	243. 66	324. 17	765. 34
s76	Lloyd, D. J.	65. 52	132. 70	245. 58	320. 89	764. 69
77	Arison, R. E	66. 24	125. 10	241. 78	331. 47	764. 59
78	Mathews, B. O.	63. 87	128. 59	242. 32	329. 54	764.32
79	McLean, E. R., jr	61. 83	126. 73	243. 12	332. 55	764. 23
80	Penny, R. J.	66. 04	129. 17	236. 13	331. 31	762. 65
M C 81	Bare, R. O	66. 35	126. 83	239. 49	329. 97	762. 64
82	Playter, R. E.	64. 56	129. 58	238. 94	328. 73	761. 81
83	Vieweg, W. V. R	60. 75	128. 42	247. 55	324. 72	761. 44
84	Carlson, R. P.	63. 79	129. 03	241. 80	326. 53	761. 15
A85	Price, C. H.	60.06	126. 98	247. 94	326. 03	761. 01
86	Stout, R. F.	64. 94	130. 40	237. 57	327. 40	760. 31
87	Hyman, W. M.	65. 87	127. 54	244, 06	322. 39	759. 86
88	Carroll, R. C.	64. 22	128. 68	242. 55	323. 85	759. 30
89	Austin, B. L	65. 60	130. 04	240. 64	322. 75	759. 03
s90	Day, L. W	62. 85	132. 40	240. 05	323. 65	758. 95

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

			1			,
Order of merit	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
	Maxima	80	160	300	400	940
91	Strohecker, F. A	63, 83	128. 21	238. 79	327. 83	758. 66
92	Wright, J. M. P.	65. 69	127. 97	241. 77	322. 94	758. 37
93	Handly, A	61. 10	125. 96	245. 34	325. 28	757. 68
94	Ellis, N. W.	61. 56	125. 40	235. 29	334. 97	757. 22
95	Baldwin, J. A.	60. 23	129. 66	241. 17	326. 06	757. 12
96	Shannon, J. T.	62. 82	126. 00	239. 27	327. 19	755. 28
97	Wolowsky, J. E	66. 55	132. 19	239. 07	317. 16	754. 97
98	Pahl, J. R	61. 56	124. 56	238. 19	330. 29	754. 60
99	Bryant, P. K	61. 92	127. 35	236. 12	328. 24	753. 63
100	Kent, H. G.	63. 68	127. 30	239. 85	322. 78	753. 61
101	Longfellow, W. J	58. 67	136. 03	241. 70	317. 21	753. 61
102	Patterson, G. W., jr	61. 89	130. 85	240. 68	319. 70	753. 12
103	Bennett, D. B	61. 08	124. 79	238. 83	328. 38	753. 08
104	Callaghan, J. A	59. 62	127. 22	232. 47	333. 62	752. 93
105	Lovejoy, J. D.	63. 48	124. 15	235. 44	329. 84	752. 91
g106	Griffith, T. R., jr	63. 83	126. 59	236. 16	325. 99	752. 57
107	Collins, H. L.	67. 06	127. 49	238. 47	318. 65	- 751. 67
s108	Rode, H. C., jr	67. 08	129. 28	239. 03	316. 18	751. 57
109	Laidlaw, J. S.	61. 86	122. 53	235. 52	331. 55	751. 46
110	Hill, S. W	64. 41	130. 62	241. 45	314. 53	751. 01
111	Hurst, A. M.	61. 34	122. 40	236. 40	329. 65	749. 79
112	Brand, J. W. C.	60. 86	122. 62	237. 37	328. 41	749. 26
113	Davis, W. V., jr	59. 19	124. 12	241. 12	324. 73	749. 16
114	Opie, J. N., 3d	64. 47	129. 84	245. 08	309. 68	749. 07
115	Ellis, E. M.	58. 77	125. 04	237. 73	326.86	748. 40
116	Vosseller, A. B	63. 91	128. 80	232. 34	321. 75	746. 80
117	Mitchell, W. J.	62. 70	124. 10	238. 77	320. 93	746. 50
118	Browning, L. LeW	67. 78	127. 38	230. 81	320. 24	746. 21
119	Ruhsenberger, J. R	63. 28	123. 74	238. 54	320. 33	745. 89
120	Wheeler, H. B.	60. 70	124. 85	233. 73	326. 28	745. 56
121	Addoms, J. F	62. 00	129. 89	232. 10	321. 55	745. 54
s122	Singer, S. J.	62. 48	123. 84	238. 21	320. 79	745. 32
123	Keyer, R. A., jr	59. 54	124. 00	235. 49	325. 95	744. 98
s124	Glass, B. W.	58. 84	128. 39	237. 26	320. 36	744. 85
MC125	Smith, P. K.	58. 68.	119. 25	236. 86	329. 61	744. 40
s126	Darlington, J. J.	61. 81	123. 77	239. 72	318. 88	744. 18
127	Stoddard, G. M	61. 17	126. 03	240. 40	316. 30	743. 90
128	Howard, H. P., jr	65. 38	126. 14	234. 79	317. 54	743. 85
129	Tiemroth, H. H.	64. 82	127. 62	232. 62	318. 69	743. 75
130	Gouin, M. E. A.	62. 71	126. 53	236. 82	316. 42	742. 48
s131	Matteucci, G. A	59. 87	125. 07	235. 87	321. 64	742. 45
132	Stephens, E. W	58. 52	122. 96	233. 52	327. 03	742. 03
133	McLean, D. F.	60. 61	123. 44	231. 12	326. 72	741. 89
134	Robillard, G. N.	56. 52	123. 59	228. 70	332. 90	741. 71

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
	Maxima	80	160	300	400	940
135	Fish, H. C	63. 17	119. 58	244. 74	314. 09	741. 58
136	Bolton, A. J.	61. 58	121. 19	233. 42	325. 29	741. 48
137	Kennaday, J. M	61. 13	124. 36	231. 81	323. 35	740. 65
138	Hartman, F. C., jr	60. 80	125. 37	232. 28	321. 95	740. 40
139	Boltz, P. McC	59. 57	125. 14	237. 04	318. 46	740. 21
140	Drexler, H. C.	_ 61. 79	117. 55	229. 99	330. 83	740. 16
141	Templeton, T. H	65. 71	123. 93	234. 15	316. 25	740. 04
142	Wilkinson, E. R	61. 72	124. 99	236. 38	316. 64	739. 73
143	Short, W. B.	58. 67	124. 84	232. 93	322. 76	739. 20
144	Bednar, A	60. 13	125. 56	237. 32	316. 18	739. 19
145	Perry, R. E.	66. 23	124. 76	228. 19	318. 84	738. 02
s146	Mallory, F., jr	61. 87	126. 38	238. 33	311. 43	738. 01
147	MacLean, S. K.	59. 63	123. 88	239. 24	314. 83	737. 58
148	Brown, W. D.	61. 20	128. 04	230. 89	316. 90	737. 03
149	Howland, G. F.	61. 50	125. 22	235. 09	315. 19	737. 00
150	Graf, P.	61. 39	124. 43	241. 87	309. 14	736. 83
151	Wilkin, W. D.	63. 51	128. 51	233. 82	310. 80	736. 64
152	Bass, A. W.	61. 36	126. 70	233. 17	315. 40	736. 63
153	Cameron, D. A.	67. 33	122. 46	234. 32	311. 96	736. 07
154	Gamet, W. N.	60. 39	124. 09	230. 35	320. 80	735. 63
155	Weir, A	66. 69	127. 73	237. 37	303. 32	735. 11 734. 95
156	Vos, R. A.	61. 20	124. 47 121. 55	233. 44 235. 37	315. 84 319. 54	734. 93
157 158	Abdill, E. W.	58. 25	121. 55	237. 03	300. 70	734. 41
159	Weaver, P. L. F Cleaves, W. E	66. 99	129. 05	235. 35	317. 04	734. 32
160	Shultz, T. J	59. 31	128. 67	232. 53	312. 66	734. 32
161	Krook, A. T	62. 43	123. 38	229. 41	317. 85	733. 07
162	Layton, E. T	59. 45	126. 06	230. 79	316. 02	732. 32
s163	Alderman, C. L.	63. 36	124. 10	229. 58	315. 21	732. 25
164	Young, E. W.	60. 48	123. 08	229. 49	319. 04	732. 09
s165	McLeod, R. D., jr	62. 27	120. 73	229. 89	318. 99	731. 88
166	Phillips, R. D	63. 35	125. 98	229. 55	312. 73	731. 61
167	Turner, T. A., jr	59. 13	118. 01	230. 94	323. 43	731. 51
1671/2	Sutliff, R. C	63. 93	120. 85	236. 35	310. 34	731. 47
168	Oswald, A. H.		126. 92	227. 95	309. 72	731. 25
169	Furth, F. R	56. 61	112. 21	234. 08	328. 32	731. 22
170	Baillie, R. V	66. 47	127. 46	227. 06	309. 81	730. 80
g171	Clausen, A. J.	60. 69	122. 51	231. 24	316. 13	730. 57
172	Roberts, N. K.	64. 26	122. 47	226. 36	317. 31	730. 40
MC173	Shiebler, P. A.		122. 65	239. 99	309. 17	730. 37
s174	Newman, G	62. 28	124. 04	233. 86	309. 57	729. 69
175	Swart, R. L., jr		123. 16	229. 12	317. 87	729. 31
176	Ogle, G. B	61. 92	123. 21	225. 40	317. 98	728. 51
s177	Falge, F. M.		117. 67	229. 12	321. 31	728. 07
178	Layne, F. C.	62. 92	124. 16	230. 67	310. 29	728. 04

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
	Maxima	80	160	300	400	940
s179	Blough, A. K	62. 03	124. 97	234. 35	306. 65	728. 00
180	Burchett, E. C.	63. 42	127. 00	227. 61	309. 20	727. 23
181	Stott, G. W	58. 21	119. 33	236. 71	312. 92	727. 17
182	Huckins, T. A.	60. 62	124. 12	232. 89	309. 11	726. 74
183	Sinclair, G. A	63. 62	120. 92	227. 07	315. 05	726. 66
184	Harris, D	58. 76	121. 62	225. 92	319. 92	726. 22
185	Dascomb, E. B	62. 33	122. 75	231. 72	309. 34	726. 14
186	Phelps, W	63. 84	124. 63	228, 35	309. 13	725. 95
187	Earl, K	62. 88	124. 05	22 8. 8 2	309. 83	725. 58
188	Ricketts, J. B., jr	61. 41	122. 40	225. 87	315. 76	725. 44
MC189	Dalton, L. W	63. 25	124. 96	228. 23	308. 87	725. 31
190	Hayter, H. M.	57. 35	122. 53	228. 27	316. 24	724. 39
191	Siegrist, P. W	65. 38	122. 66	228. 55	307. 77	724. 36
s192	Hangs, J. F	59. 70	121. 00	233. 48	309. 97	724. 15
193	Herrington, L. B., jr	57. 60	125. 44	230. 15	310. 78	723. 97
194	Marsh, J. A	59. 51 49. 08	124. 28	225. 63	314. 54	723. 96
s195	Ferguson, J. W., jr		124. 61	229. 97	319. 38	723. 04 723. 00
196	Calvert, A. P.	60. 13	121. 91	225. 50	315. 46	
197 s198	Siegrist, W. W.	60. 50 62. 45	124. 78	231. 70	305. 86	722. 84 722. 80
s199 s199	Walsh, A. J	60. 88	124. 31 121. 52	228. 19 227. 23	307. 85 312. 98	722. 61
200	Blaylock, LeR. B	58. 77	121. 32	228. 01	312. 45	722. 28
201	Latimer, S. E.	63. 60	123. 03	222. 20	314. 00	721. 60
202	Miller, H. B.	63. 63	126. 42	224. 64	306. 78	721. 47
203	Stone, W. P.	59. 37	120. 42	229. 09	310. 47	721. 21
204	Bunker, F. R.	61. 06	121. 39	227. 75	310. 93	721. 13
s205	Devens, W. G.	60. 10	121. 32	225. 13	314. 30	720. 85
206	Roane, V. R	56. 15	120. 08	228. 64	315. 88	720. 75
s207	Speer, J. G	58. 48	116. 87	230. 76	314. 61	720. 72
208	Bailey, W. B.	60. 05	125. 12	224. 70	309. 72	719. 59
SC209	Randolph, A. P.	64. 80	123. 86	224. 57	306. 35	719. 58
210	Daniel, H. C.	57. 94	118. 59	226. 75	315. 78	719. 06
211	Burroughs, S. E., jr	61. 96	123. 80	228. 63	304. 56	718. 95
s212	Shepherd, C. E	58. 59	118. 29	228. 86	313. 18	718. 92
s213	Ruffolo, L. J	57. 50	122, 33	231. 59	307. 40	718. 82
214	Hyde, J. D	63. 66	125. 71	225. 00	304. 38	718. 75
b215	Calhoun, A. DuP., jr_	62. 50	128. 04	220. 79	307. 18	718. 51
216	Whitehead, E. W	56. 88	118. 71	224. 93	317. 88	718. 40
217	Tichenor, M. J.	57. 51	120. 23	228. 68	311. 93	718. 35
218	Mellon, W. L.	56. 82	121. 49	225. 39	314. 60	718. 30
219	Thew, J. P.	55. 64	114. 68	234. 11	313. 77	718. 20
s220	Sanders, S., jr	63. 17	126. 04	225. 00	303. 52	717. 73
221	Cromwell, J. P.	54. 27	115. 20	232. 62	315. 61	717. 70
222	McCallum, D. J.	61. 64	121. 46	228. 49	306. 04	717. 63
223	Page, H. G.	66. 11	122. 86	229. 39	299. 13	717. 49

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

Order of	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
merit						
	Maxima	80	160	300	100	940
224	Close, F	61. 58	120. 00	227. 81	308. 06	717. 45
MC225	Rhamstine, J. R	57. 49	120. 19	226. 79	312. 94	717. 41
s226	Holler, W. W.	57. 46	116. 15	231. 60	312. 19	717. 40
227	Baldwin, H. W	58. 72	116. 20	226. 60	315. 67	717. 19
228	Ballinger, H. R.	56. 83	115. 71	224. 39	320. 25	717. 18
s229	Hull, L. C	64. 31	119. 90	223. 20	309. 72	717. 13
s230	Martin, D. J	61. 42	119. 35	227. 48	308. 67	716. 92
231	MacDonald, F. W	57. 25	121. 62	226. 47	310. 87	716. 21
232	Dugan, H. J.	58. 35	120. 90	230. 03	306. 90	716. 18
MC233	Fike, C. L	59. 94	120. 15	227. 10	308. 61	715. 80
s234	Broda, D. F	61. 75	122. 63	226. 57	304. 82	715. 77
235	Sullivan, J. E	59. 32	124. 57	225. 25	305. 76	714. 90
236	Sall, H	58. 70	124. 93	224. 55	306. 60	714. 78
237	Legg, C. A.	55. 60	115. 23	226. 83	316. 77	714. 43
238	Gates, H. K.	59. 58	118. 84	223. 70	312. 26	714. 38
239	Oden, S. F	55. 22	116. 56	228. 27	314. 27	714. 32
g240	Carney, A. G.	58. 07	119. 12	222. 65	314. 22	714. 06
241	Kirkland, T. J., jr	55. 56	121. 43	230. 05	307. 01	714. 05
242	Teller, M. S.	60. 27	116. 48	229. 18	308. 06	713. 99
243	Dantzler, T. T.	54. 93	117. 55	223. 96	317. 48	713. 92
s244	Craig, M., jr	- 61, 32	120. 97	229. 38	301. 87	713. 54
245	Minter, R. O	55. 69	118. 08	223. 84	315. 72	713. 33
246	Adair, C	61. 77	124. 60	231. 11	295. 42	712. 90
247	Quinn, B. D.	61. 60	122. 13	224. 13	305. 00	712. 86 712. 73
248	Bedford, S. R.	56. 54 57. 88	122. 81 120. 44	225. 92 224. 34	307. 46 310. 01	712. 73
$\frac{249}{250}$	Evans, G. W., jr	60. 12	118. 61	225. 84	307. 80	712. 37
250	Hayes, J. D.	62. 53	125. 85	220. 26	303. 72	712. 37
251	Sanford, J. R., jr Schreiner, M	58. 44	117. 46	227. 90	308. 14	711. 94
253	Tonkin, C. T., jr	57. 53	121. 08	228. 68	304, 40	711. 69
s254	Shumaker, C. S.	61. 79	125. 06	224. 86	299. 70	711. 41
s255	Lewis, J. N., jr.	59. 73	120. 35	227. 16	303. 93	711. 17
256	Smith, H. P.	59. 98	118. 75	227, 13	305. 03	710. 89
257	Leach, W. D., jr	57. 95	119. 41	220. 79	312. 64	710. 79
258	Magly, A. V	56. 72	119. 10	228, 36	306. 55	710. 73
259	Lockhart, R. G.	62. 36	118. 60	229. 32	300. 33	710. 61
260	Palmer, E. A., jr	1	120. 47	225. 28	307. 39	710. 50
261	Ragan, T. C.	55. 75	121. 80	226. 59	306. 32	710. 46
262	Mercer, P. V		113. 14	221. 48	313. 69	710. 31
263	Goldthwaite, R		123. 06	228. 16	301. 25	709. 47
264	Roths, M. H.		116. 08	227. 39	309. 35	709. 41
265	Esmond, R. W		120. 29	225. 24	304. 77	709. 33
s266	Benton, H. P., jr	56. 42	117. 05	228. 85	306. 76	709. 08
267	Reith, G., jr		116. 46	227. 09	306. 46	708. 21
268	Cabanillas, J. M.	65. 59	125. 98	225. 91	290. 70	708. 18

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
	Maxima	80	160	300	400	940
269	Cullen, C. E	58. 60	117. 00	220. 04	312. 52	708. 16
270	Warburton, A. L.	65. 81	117. 69	222. 49	301. 74	707. 73
s271	Wilson, H. K	57. 78	119. 36	228. 85	301. 01	707. 00
s272	Riggs, P. H	57. 75	121. 75	220. 19	306. 88	706. 57
273	Rucker, C. G.	58. 96	116. 75	219. 59	310. 93	706. 23
274	Williams, J. B	60. 81	119. 59	223. 71	302. 12	706. 23
275	Dancy, J. R.	61. 89	117. 29	222. 66	304. 18	706. 02
276	Adams, R. McC. B.	60. 61	120. 43	221. 60	303. 21	705. 85
277	Carr, R. S.	64. 26	116. 64	223. 93	300. 37	705. 20
278	Brereton, W. H.	65. 60	125. 93	221. 92	291. 70	705. 15
279	Harvey, W. W.	57. 75	118. 64	219. 51	309. 05	704. 95
280	Wight, D. D.	64. 89	123. 85	215. 05	300. 70	704. 49
e281 282	Johnson, L. W.	59. 21 56. 50	117. 29	227. 42 226. 87	300, 53	704. 45
283	Demarest, H. R	62. 38	112. 61 124. 02	223. 79	308. 04 293. 66	704. 02
284	Hoffman, C. M. E.	52. 61	116. 11	228. 25	306. 45	703. 42
285	Weeden, W. W., jr	59. 46	118. 49	225. 27	300. 43	703. 42
286	Bailey, S. M.	57. 36	120. 02	219. 75	305. 91	703. 04
287	Parker, E. C.	56. 48	115. 54	224. 21	306. 22	702. 45
288	Williams, R. D.	58. 39	120. 10	219. 46	304. 30	702. 25
289	Watts, E	62. 27	120. 10	223. 43	295, 61	702. 25
290	Sharp, L. D., jr	61. 69	112. 30	219. 83	308. 42	702. 24
MC291	Bliesener, A. G.	58. 06	121. 06	226. 42	296. 50	702. 04
292	McPeake, L. J.	61. 07	122. 38	218. 57	299. 98	702. 00
293	Jones, H. A.	60. 93	116. 96	218. 90	305. 02	701. 81
s294	Allen, J. L	60. 45	119. 34	221. 91	300. 01	701. 71
295	Duvall, W. H.	57. 15	118. 73	221. 74	303. 93	701. 55
296	Verge, W. E.	58. 84	115. 61	222. 25	304. 63	701. 33
297	Armor, H	63. 69	113. 32	225. 28	298. 94	701. 23
298	Day, D. T., jr	62. 67	115. 62	221. 48	301. 25	701. 02
299	Harris, J. C.	55. 40	113. 59	224. 04	307. 86	700. 89
s300	Brady, J. W	59. 44	122. 74	223. 32	295. 35	700. 85
301	Heine, M. C.	61. 95	117. 67	221. 21	299. 64	700. 47
302	Ramsey, D. J.	55. 32	113. 83	217. 55	313. 63	700. 33
303	Richter, H. E.	56. 68	121. 80	222. 55	298. 99	700. 02
s30 4	Walker, D. S	59. 57	117. 64	221. 83	300. 38	699. 42
305	Gminder, E. E.	58. 19	116. 65	216. 80	307. 74	699. 38
306	Deam, F. E.	58. 96	117. 26	223. 54	299. 31	699. 07
307	Thompson, A. L	53. 63	116. 31	224. 82	304. 10	698. 86
\$30S	French, F. J.	60. 88	114. 39	218. 20	304. 96	698. 43
A308½	Horsch, A. C.	61. 22	120. 41	220. 19	296. 51	698, 33
309	Bourke, R. J., jr	60. 07	119. 56	220. 30	298. 20	698. 13
310	Creehan, E. P.	58. 09	119. 49	223. 81	296. 52	697. 91
311	Callaway, C. H	54. 60	115. 19	220. 21	307. 63	697. 63
312	Hopkins, H. V.	62. 38	117. 42	219. 84	297. 95	697. 59

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
	Maxima	80	160	300	400	940
313	Sheldon, H. P	57. 23	112. 97	221. 69	305, 20	697. 09
s314	Pottle, J. H., jr	64. 33	118. 75	219. 93	294. 07	697. 08
SC315	Norcross, M. A.	57. 65	113. 53	220. 31	305. 35	696. 84
316	Phillips, N	63. 23	120. 98	219. 23	293. 21	696. 65
317	Burris, H	61. 13	120. 55	218. 33	296, 44	696. 45
318	Webb, R. C., jr	55. 77	114. 74	217. 03	308. 77	696. 31
319	Dahlgren, J. F	59. 81	117. 01	218. 71	300. 57	696. 10
e320	Marshall, T. C.	59. 47	121. 12	222, 84	292. 48	695. 91
¹ 321	Lajeunesse, R. W	55. 68	118. 27	222. 36	299. 61	695. 82
322	Graesser, W. M.	56. 60	112. 68	219. 16	307. 36	695. 80
323	Lillard, J. S.	53. 73	112. 58	222. 87	306. 59	695. 77
324	Barnes, A. D.	57. 06	111. 77 t	218. 47	308. 35	695. 65
s325	Norman, O. LeG	57. 44	117. 50	216. 53	304. 11	695. 58
s326	Sayres, C	57. 28	115. 00	216. 10	307. 10	695. 48
327	Holbrook, J. A	59. 83	119. 44	224. 52	291. 62	695. 41
328	Thompson, W. B	52. 72	112. 93	220. 75	308. 98	695. 38
329	Moss, R. S	59. 68	115. 15	223. 20	297. 15	695. 18
MC330	Blanchard, T	61. 46	120. 88	220. 16	292. 62	695. 12
331	McCaleb, W. R	60. 64	120. 67	220. 04	293. 47	694. 82
332	McFadden, A. G. W	57. 06	115. 94	221. 39	300. 30	694. 69
- 333	Taylor, J. I., jr	56. 34	116. 65	220. 89	300. 62	694. 50
a334	Gibbons, J. H., jr	56. 11	113. 21	222. 26	302. 90	694. 48
g335	Hough, C. S.	57. 15	119.85	221. 83	295. 64	694. 47
336	Southworth, H. B	56. 96	112. 80	222. 39	301. 83	693. 98
337	Montgomery, G. C	64. 90	118. 45	217. 21	293. 32	693. 88
s338	Bullis, W. F	60. 71	119. 53	216. 97	296. 65	693. 86
339	Johnson, J. F	54. 20	118. 47	224. 28	296. 69	693. 64
340	Fraser, T. E	57. 91	115. 15	217. 50	302. 93	693. 49
s341	Kerrick, A. H	56. 77	126. 06	215. 95	294. 57	693. 35
342	Cameron, T. S	53. 00	114. 00	223. 84	302. 09	692. 93
343	Bellerby, R. J	58. 73	117. 57	221. 21	295. 18	692. 69
344	Ganahl, R. G	59. 55	114. 19	222. 91	295. 82	692. 47
345	Oexle, C. W	59. 14	112. 91	219. 60	300. 81	692. 46
$345\frac{1}{2}$	Taylor, E. J., jr	61. 30	114. 82	213. 26	303. 07	692. 45
346	Collins, D. H.	55. 01	117. 91	221. 54	297, 96	692. 42
347	Petersen, W. F	57. 61	115. 91	218. 31	300. 42	692. 25
348	Linholm, A. R	57. 41	112. 15	222. 60	300. 06	692. 22
349	McDonald, C. C.	55. 97	116. 21	221. 10	298. 87	692. 15
MC350	Steenberg, G. H	59. 90	116. 66	215. 74	299. 75	692. 05
351	Sayre, R. E.	57. 61	113. 13	219. 63	301. 45	691. 82
352	Kline, A. R	60. 77	112. 58	219. 80	298. 48	691. 63
353	Deutermann, W. V	60. 91	116. 07	219. 77	294. 61	691. 36
MC354	Willis, D. G.	54. 03	111. 31	218. 74	307. 18	691. 26
u355	Schenck, C. A., jr	57. 91	119. 92	223. 89	289. 52	691. 24

¹ Changed from "Lishness."

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
	Maxima	80	160	300	400	940
356	Gore, T., jr	58. 75	111. 96	219. 13	300. 41	690. 25
8357	Heisser, A. R.	56. 14	115. 46	215. 00	303. 31	689. 91
358	Hawkinson, L. H	55. 84	110. 70	220. 24	302. 78	689. 56
359	Robinson, H. R.	59. 04	117. 83	219. 25	293. 30	689. 42
SC360	Davies, J. T.	57. 39	114. 85	216. 62	300. 43	689. 29
361	Thomas, L. H	58. 34	114. 02	215. 80	300. 74	688. 90
362	Neale, E. T.	57. 45	114. 31	219. 26	297. 69	688. 71
363	Folger, C. H. F	59. 76	113. 49	217. 40	297. 65	688. 30
364	Nunn, I. H	67. 20	116. 52	209. 11	295. 11	687. 94
365	Ostertag, W. R	62. 44	116. 46	215. 06	293. 91	687. 87
366	Roedel, L	55. 85	113. 84	223. 26	294. 91	687. 86
368	Seay, E. A.	58. 35	110. 13	217. 30	301. 36	687. 14
369	Fowler, J. W	57. 09	115. 97	223. 89	289. 88	686. 83
370	Hyatt, J. K.	62. 59	108. 05	210.08	305. 88	686. 60
371	Morrill, J. H	57. 28	112. 37	218. 74	298. 16	686. 55
s372	Evans, C. McA	59. 24	110. 39	218. 08	298. 54	686. 25
373	Kearns, M. I	53. 70	120. 79	217. 05	294. 40	685. 94
374	McIntosh, J. H	58. 03	112. 28	222. 92	292. 67	685. 90
375	Shanklin, E. W.	57. 15	116. 49	222. 71	289. 48	685. 83
376	McKee, I. C.	56. 51	113. 16	217. 22	298. 50	685. 39
377	Perkins, A. N	53. 47	111. 13	215. 11	304. 59	684. 30
s378	Garcia, H. F	57. 26	112. 64	223. 06	291. 27	684. 23
379	Sylvester, H. MacT	61. 74	111. 40	214. 45	296. 32	683. 91
380	McLean, H. B.	61. 66	116. 61	216. 30	288. 96	683. 53
381	Spahn, J. E	57. 59	113. 11	216. 12	296.52	683. 34
MC382	Bellinger, G. H., jr	58. 00	115. 06	208. 76	301. 31	683. 13
383	Carroll, C. E	58. 83	113. 07	213. 32	297. 67	682. 89
384	Young, R. C., jr	55. 09	111. 26	215. 45	301. 06	682. 86
385	Gwinn, L. H	52. 56	114. 03	211. 92	303. 79	682. 30
386	Witmer, E. L.	57. 54	119. 02	214. 54	290. 97	682. 07
387	Hogle, J. B.	56. 08	109. 97	215. 89	299. 91	681.85
388	Rooney, J. B.	56. 61	118. 08	216. 79	290. 15	681. 63
389	Bell, F. J	57. 72	113. 78	212. 90	296. 99	681. 39
390	Hunter, E. N. W		117. 93	215. 61	290. 63	680. 87
391	Ball, F. H		108. 15	226. 24	286. 82	680. 76
392	Evans, W. A., jr	56. 15	112. 93	218. 29	293. 26	680. 63
393	Brydon, G. MacL., jr.	55. 31	115. 36	216. 30	293. 38	680. 35
394 MC395	Davis, F. R.		116. 01	219. 06	286. 52	680. 21
MC395	Fletcher, F. M.	58. 73	112. 63	214, 82	293. 91	680. 09
u397	McDonald, C. E.	63. 42	117. 40	210. 91	288. 13	679. 86
398	Simonton, R. M.		115. 90	217. 10	286. 08	679. 48
398	Hays, W. S		109. 42	209. 66	299, 22	679. 21
400	Heddens, F. M.		108. 21	217. 34	300. 91	679. 13
401	Stormes, M. C		110. 51	217. 42	295. 38	679. 04
401	Johnson, R. Fitz-J., jr_	53. 75	108. 37	212. 59	304. 09	678. 80

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

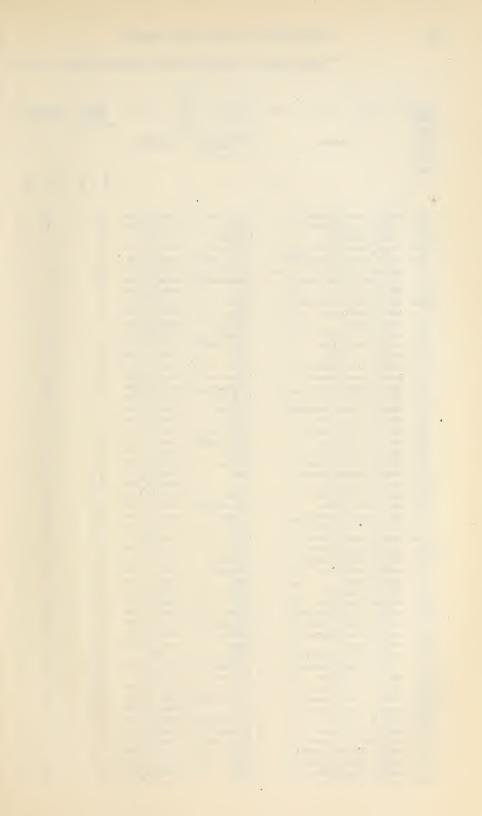
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Order of	Names	First year	Second year	Third year	Fourth year	General aggregate for four years
merit	Maxima	80	160	300	400	940
MC402	Anderson, R. A.	60. 51	112. 96	218. 97	285, 95	678, 39
s403	Jaudon, L. B	54. 00	108. 54	216. 53	298. 55	677. 62
404	Cross, C. B., jr	61. 06	116. 46	213. 61	286. 46	677. 59
405	Harmon, A. B	53. 99	113. 72	212. 06	297. 74	677. 51
406	Francis, D. L	57. 92	114. 84	217. 08	287. 12	676. 96
407	Holtzclaw, J. S.	53. 78	106. 44	220. 38	295. 93	676. 53
408	Bock, B. N	55. 92	112. 17	218. 22	290. 21	676. 52
409	Goodall, H. W	57. 06	115. 92	212. 59	290. 89	676. 46
410	Buxton, J. W	58. 91	115. 52	210. 15	291. 72	676. 30
a411	Morrow, S. H	53. 67	114. 90	212. 77	294. 93	676. 27
412	Edwards, L. B	56. 08	116. 73	214. 17	289. 09	676. 07
413	Floed, H. C.	57. 82	110. 21	207. 42	300. 43	675. 88
414	Keliher, R. H.	54. 14	105. 02	214. 04	302. 55	675. 75
415	Hartwig, G. R.	59. 22	112. 37	213. 14	290. 42	675. 15
416	Ferriter, C. A	59. 04	115. 63	206. 64	293. 62	674. 93
417	Temple, H. B.	58. 26	113. 96	206. 86	295. 82	674. 90
418	Ritchie, T. C.	55. 72	113. 63	211. 00	294. 55	674. 90
419	Erdmann, W. L.	50. 61	107. 79	220. 47	295. 75	674. 62
8420	Lazell, J. D.	57. 04	112. 92	213. 04	291. 34	674. 34 674. 05
$\begin{array}{c} 421 \\ 422 \end{array}$	Nesser, C. J	57. 95 51. 49	112. 49 111. 73	215. 46 215. 26	288. 15 295. 19	673. 67
423	Lankenau, W. E Dunn, P. H. H	51. 49	118. 81	213. 20	282. 98	673. 66
424	Sweeney, J. M.	55. 39	111. 98	210. 80	295. 30	673. 47
425	Waldron, J. C.	58. 09	113. 59	215. 29	285. 79	672. 76
s426	Simmonds, N. B.	55. 46	114. 39	212. 13	290. 66	672. 64
427	Ilsemann, F. J.	54. 60	109. 70	215. 83	292, 30	672. 43
428	Townsend, A. M.	57. 69	112. 14	211. 96	290, 39	672. 18
429	Topper, J. R.	58. 50	112. 50	209. 73	291, 13	671. 86
430	Waller, R. R.	58. 64	112. 32	213. 55	287. 12	671. 63
MC431	Cresswell, C. F	58. 51	110. 19	210. 01	292. 89	671. 60
432	Griese, A. A.	59. 03	113. 06	212. 98	286. 44	671. 51
433	Frank, L. P.	59. 18	116. 56	209. 07	286. 46	671. 27
434	Peterson, G. Edmund	55. 67	116. 57	210. 60	288. 23	671. 07
s435	Axtell, A. W	60. 85 ·	115. 82	215. 98	278. 41	671. 06
436	Baron, R. S.	55. 71	111. 66	213. 87	289. 62	670. 86
437	Winslow, C. McR., jr_	58. 34	112. 01	214. 90	285. 58	670. 83
438	Irish, E. W	55. 96	109. 22	212. 37	292. 97	670. 52
439	Doggett, B. L.	56. 55	116. 27	208. 25	289. 42	670. 49
SC440	Herlihy, J. L	60. 58	112. 68	209. 84	287. 37	670. 47
441	McDaniel, R. T	55. 65	107. 24	212. 31	295. 19	670. 39
442	Ericsson, H. M.	56. 90	107. 38	209. 07	296. 97	670. 32
SC443	Hake, G. E.	53. 81	114. 71	215. 53	286. 22	670. 27
444	Hall, H. W	59. 14	113. 23	209. 18	288. 67	670. 22
MC445	Stuart, W. J.	54. 79	111. 56	213. 27	290. 23	669. 85
a446	Walbridge, V	52. 95	113. 30	216. 67	286. 54	669. 46

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

	1	1	1			
Order of merit	Names	First year	Second	Third year	Fourth year	General aggregate for four years
	Maxima	80	160	300	400	940
447	Kissam, G. D.	58, 64	115. 69	211. 90	283. 07	669. 30
MC448	French, W. H	54. 90	109. 64	212. 65	291. 92	669. 11
449	Coley, L. E	57. 77	110. 89	208. 46	291. 39	668. 51
450	Daniel, J. C	58. 27	110. 34	210.08	289. 35	668. 04
MC451	McAfee, R. D	55. 86	107. 58	215. 93	288. 55	667. 92
SC452	Wymond, J. E	55. 89	116. 93	208. 52	286. 30	667. 64
453	Woodward, J. J.	54. 66	111. 33	210. 84	290. 51	667. 34
454	Adams, J. W., jr	53. 55	107. 72	210. 10	295. 90	667. 27
455	Read, H. T.	53. 60	110. 79	209. 42	293. 32	667. 13
456	Bertschy, R. S.	57. 92	110. 01	211. 12	287. 92	666. 97
457	Randolph, A. K.	58. 24	111. 30	209. 47	287. 84	666. 85
458	Kelly, S. G.	54. 35	109. 38	213. 01	290. 04	666. 78
s459	Scott, W. W.	58. 33	116. 23	208. 91	283. 28	666. 75
460	Ball, T. J., jr	54. 85	113. 61	212. 64	284. 70	665. 80
$\frac{461}{462}$	Martin, H. J.	53. 61	109. 01 109. 07	209. 46	293. 52	665. 60
463	King, G. CLeslie, H. K	55. 27 53. 70	112. 39	212. 49 206. 92	288. 51 291. 06	665. 34 664. 07
MC464	Stevens, H. P., jr	58. 12	109. 11	210. 32	286. 28	663. 83
465	Edgar, H. B.	59. 42	111. 33	210. 32	281. 38	663. 83
466	Domer, W. S.	53. 87	109. 56	211. 70 210. 75	289. 58	663. 76
a467	Berliner, S.	55. 29	103. 93	210. 73	286. 72	663. 68
s468	Caples, J. R.	56. 97	113. 76	206. 44	286. 50	663. 67
s469	Rasbach, J. B.	56. 03	111. 10	210. 90	285. 36	663. 39
470	McDowell, N. L.	59. 77	107. 66	205. 92	289. 44	662. 69
471	Winecoff, C. L	57. 31	109. 37	203. 70	291. 91	662. 29
MC472	Hudnall, J. H. N.	55. 32	111. 92	200. 50	294. 52	662. 26
473	Stuart, C. J.	53. 49	108. 28	205. 63	294. 82	662. 22
474	Farrell, J. A., jr	52. 59	106. 83	204. 98	297. 57	661. 97
475	Leverett, A. B	60. 49	110. 49	208. 66	281. 95	661. 59
476	Colt, S. B., jr	58. 42	111. 73	205. 29	285. 91	661. 35
477	Zelenka, B. T	54. 87	113. 75	206. 22	286. 50	661. 34
478	Nichol, B. B.	56. 04	108. 45	211. 07	285. 58	661. 14
479	Doan, H. C	53. 51	111. 35	210. 27	285. 95	661. 08
480	Dey, W. C	53. 93	109. 32	209. 40	288. 41	661. 06
481	Seaward, E. T.	56. 37	107. 32	209. 04	288. 21	660. 94
482	Williams, S. A	55. 62	106. 70	210. 35	287. 29	659. 96
s483	Williams, A. L., jr	53. 71	107. 25	210. 52	288. 18	659. 66
SC484	Patton, W. L.	59. 01	109. 05	204. 79	286. 50	659. 35
485	Warren, J. T	53. 35	109. 49	205. 20	291. 30	659. 34
486	De Wolf, M. M.	53. 90	110. 38	211. 72	283. 33	659. 33
487	Shively, J. C	57. 64	111. 59	207. 38	282. 58	659. 19
488	Moore, E. McF	54. 31	110. 72	208, 38	285. 71	659. 12
489 490	Rhea, F. L	57. 22	110. 80	213. 31	277. 71	659. 04
490	Quale, A. M Gardner, F. H	57. 02	108. 75	207. 47	285. 32	658. 56
491	Gardier, F. H.	60. 43	113. 24	206. 44	277. 72	657. 83

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1924), 525 members, of whom 522 graduated—Continued

	1					=
	Names	First	Second	Third	Fourth	General aggregate
Order of	6	year	year	year	year	for four years
merit						
	Maxima	80	160	300	400	940
492	Cooke, J. F	56, 51	112. 33	203. 16	285. 08	657. 08
493	Landstreet, J. C.	52, 06	101. 18	226. 48	276. 67	656. 39
4931/2	Gallagher, E. F.	52. 36	111. 46	209. 51	283. 02	656. 35
494	Worthington, J. M	53. 85	107. 56	2 06. 60	288. 07	656. 08
495	Baldwin, R. V.	56. 11	112. 33	204. 86	282. 73	656. 03
496	Granbery, G. McR	57. 74	109. 48	205. 26	282. 97	655. 45
497	Bush, S. E	54. 13	112. 90	204. 48	283. 35	654. 86
498	Hubbard, C. N.	54. 05	108. 20	210. 33	282. 27	654. 85
499	Dickie, A. B	53. 23	107. 39	210. 13	284. 04	654. 79
500	King, S	59. 76	110. 02	208. 78	276.06	654. 62
s501	Colburn, R. C.	55. 68	112. 66	210. 99	275. 27	654. 60
502	Clark, R. W	49. 91	104. 07	211. 33	289. 27	654. 58
503	Rutt, B. L	59. 80	108.58	206. 82	279. 18	654. 38
504	Lee, C. L	52. 72	105. 00	208. 91	286. 36	652. 99
g505	Horne, D. F	56. 50	109.65	202. 80	283. 30	652, 25
506	Johnson, R. H. G	56. 79	109. 81	199. 85	285. 54	651. 99
507	Peterson, G. Edward	53. 98	109. 62	206. 10	282. 15	651. 85
508	McLaughlin, A. E	57. 16	106. 92	206. 89	280. 78	651. 75
509	Flynn, J. M	52. 30	109. 07	205. 15	284. 63	651. 15
MC510	Meints, C. G	52. 81	107. 03	206. 39	283. 57	649. 80
MC511	Sessions, F. E., jr	54. 51	103. 80	207. 36	283. 56	649. 23
512	Abrahams, N. W	54. 16	108. 17	207. 96	277. 90	648. 19
513	Larson, R. W	51. 74	105. 49	206. 14	284. 22	647. 59
514	Southerland, T. C	54, 36	109. 01	204. 02	280. 06	647. 45
515	Kanakanui, W. A	51. 67	102. 32	206. 18	286. 11	646. 28
516	Engeman, J. T., jr	55. 86	107. 86	205. 70	274. 19	643. 61
517	Wood, A. C	50. 33	104. 62	204. 56	283. 75	643. 26
518	Linthicum, T. C	54. 37	112. 38	198. 90	277. 28	642. 93
519	McDonough, J. F	52. 67	107. 23	202. 10	275. 75	637. 75
520	Murphy, E. M	51. 54	107. 88	204. 99	271. 87	636. 28
521	Mills, R. E.	52. 64	104. 38	203. 12	270. 40	630. 54
d	Campbell, L. F	56. 03	113. 63	219. 79		



Order of general merit for aca-	Names	State from which appointed	Date of admission	Age dat admi	e at e of ssion		ervice actice ips
demic year				Years	Months	Months	Days
135	Abdill, Everett Woolman	New Jersey	Sept. 8, 1920	18	. 5	8	17
511	Abrahams, Noble Wayne	Texas	June 10, 1920	19	10	8	17
375	Adair, Crutchfield	California	do	19	1	8	18
369	Adams, Joseph Wade, jr	Kentucky	July 31, 1920	17	1	8	17
296	Adams, Reed McColloch Baird	West Virginia	June 9, 1920	18	3	8	17
123	Addoms, John Fillmore	New York Massachusetts	June 13, 1919 June 14, 1920	18 17	3	11	16
\$174 \$331	Allen, John Louis	Ohio	June 15, 1920	18	7	8 5	17 19
MC476	Anderson, Raymond Algot		June 12, 1920	20	0	8	17
65	Arison, Rae Emmett	Illinois	June 11, 1920	19	9	8	17
342	Armor, Howell		June 13, 1919	19	8	11	16
a59	Auerbach, Edwin Harvey		June 10, 1920	17	10	8	17
118	Austin, Bernard Lige		July 17, 1920	17	7	8	17
s510	Axtell, Alan Wylie	Indiana	July 8, 1920	19	7	8	17
55	Bachman, Leo Adolph		June 11, 1920	17	10	8	17
267 215	Bailey, Samuel Morgan		June 22, 1920 June 16, 1920	18 18	10	8	17 17
214	Baillie, Roland Vincent		June 15, 1920	17	• 2	8	17
170	Baldwin, Hanson Weightman		June 18, 1920	17	3	7	18
• 101	Baldwin, John Arnold		June 28, 1919	18	6	8	18
501	Baldwin, Ralph Vaughn	Connecticut	June 11, 1920	17	2	8	17
460	Ball, Frank Haywood		June 7, 1919	18	8	11	19
487	Ball, Thomas James, jr	Georgia	June 18, 1920	16	7	8	6
131	Ballinger, Herbert Reed		Sept. 14, 1920	18	1	7	22
37 MC73	Barchet, Stephen George	OhioIowa	June 15, 1920 June 9, 1920	19 19	2 0	8	14 17
234	Barnes, Arthur Dayton		Sept. 15, 1920	19	3	8	17
434	Baron, Richard Swan	Massachusetts	June 9, 1920	19	5	8	17
173	Bass, Arthur Wentworth		June 16, 1920	19	6	8	17
68	Beakley, Wallace Morris	New Jersey	June 15, 1920	17	5	8	17
85	Bearce, Herbert Potter	Illinois	June 28, 1920	18	3	8	17
SC46	Beatty, Charles Edward	New York	Aug. 28, 1920	18	8	8	17
•MC27	Becker, Herbert Peter	Wisconsin	July 8, 1920	20	7	8	17 17
245 161	Bedford, Stephen Ray Bednar, Adolph	California Iowa	Aug. 7, 1920 July 27, 1920	16 18	2	8	17
359	Bell, Fred Jackson	Virginia	June 16, 1920	16	9	8	17
381	Bellerby, Russell John	Alaska	Aug. 4, 1920	18	1	8	17
MC308	Bellinger, George Harcourt, jr	Georgia	June 15, 1920	19	10	8	17
82	Bennett, Donald Byron	New Jersey	June 9, 1920	19	8	8	18
s256	Benton, Herbert Peyton, jr	Louisiana	Aug. 4, 1920	17	5	8	17
a461 44	Berliner, Sylvan	Texas	June 10, 1920	19 19	7	8	17 17
454	Berthold, Elmer Edward	Missouri Nebraska	June 9, 1920	19	11	8	17
MC407	Blanchard, Theodore	New York		18	1	8	17
198	Blaylock, LeRoi Berrett	Utah	Aug. 7, 1920	19	7	8	17
MC365	Bliesener, Arthur George	Pennsylvania	July 3, 1920	20	1	8	17
s257	Blough, Arthur Koontz	do	June 16, 1920	19	3	8	17
430	Bock, Brainerd Norton	Connecticut	Sept. 2, 1920	17	6	8	17
105	Bolton, Alfred Johnson	Wyoming	June 16, 1920	17	11	8	17
143	Boltz, Philip McCaulley	Pennsylvania	June 10, 1920	19	9	8	17
s*19 348	Borgen, Kenneth Royal Bourke, Richard Joseph, jr	Iowa	June 12, 1920 July 2, 1920	17 17	6	8	17 17
35	Bradley, Maurice Miles	Pennsylvania Ohio	July 2, 1920 June 15, 1920	18	11	8	17
\$377	Brady, John Wilbur		July 2, 1920	19	6	8	17

1924)—525 members—for the last year of their academic course

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregate fourth year
	1		I	Maximum				1
60	72	60	48	64	20	8	68	400
46. 40	54, 42	50. 82	35. 39	45, 92	13. 40	7. 40	65. 79	319. 54
45. 17	47.14	39.00	31.35	45. 52	13.80	5. 94	49. 98	277. 90
43.44	50.10	45.32	36. 11	45.04	13. 50	7.00	54. 91	295. 42
47. 82	47. 96	42. 33	33. 31	43. 68	14. 25	7. 56	58. 99	295. 90
46.93	51.48	43.05	36. 51	48. 72	15.00	7. 12	54. 40	303. 21
52, 93	52. 02	44. 35	39. 61	49. 36	17. 35	7. 62	58. 31	321. 55
47.06	53. 98	50.72	37. 32	46. 48	15. 35	7. 18	57. 12	315. 21
46.60	52, 36	43. 92	34.16	45. 44 43. 20	15. 90 14. 70	7. 74 6. 80	53. 89 49. 98	300. 01
45. 27 51. 27	50. 32 57. 50	41. 34 52, 83	34. 34 38. 34	49. 84	15. 50	6.18	60.01	285. 95 331. 47
47. 76	50. 72	39.79	37.34	46. 08	15. 40	7. 62	54. 23	298. 94
49. 90	55. 08	49.77	38. 12	52. 56	16. 25	7. 36	63. 92	332. 96
50.85	53. 56	42. 91	40.08	49. 36	16. 75	6.00	63. 24	322, 75
43.10	47. 44	41. 21	31.68	42.48	13. 70	6.78	52. 02	278. 41
48. 49	57. 50	50.79	39. 35	52, 48	17.35	7. 62	60. 86	334. 44
47. 85	52. 16	44. 80	37. 08	48. 80	15.00	6, 50	53. 72	305. 91
48.10	52, 22	40. 10	38.01	48. 88	13. 70	7.00	61.71	309. 72
49. 11	54.04	45. 04	38. 28	48.72	16. 80	7. 50	50. 32	309. 81
48. 52	53. 18	43. 81	37. 26	46. 16	16. 10	7. 74	62. 90	315.67
49. 39	55. 58	45. 09	39. 16	52. 32	15. 15	7. 66	61.71	326.06
42. 50	47. 30	38. 37	33. 45	44. 16	13. 35	7. 50	56. 10	282. 73
46. 89	49.00	42.77	34. 10	42. 64	14. 75	6. 86	49. 81	286. 82
42, 91	47. 82	42. 17	33. 35	44.96	14. 25	6.88	52. 36	284. 70
48. 54	54. 10	47. 81	38. 23	48. 96 50. 96	15. 75 16. 15	6.00	60. 86	320. 25
50. 57 49. 70	56. 46 57. 34	49. 35 50. 79	39. 03 39. 55	51. 60	15. 25	8. 00 7. 26	67. 49 58. 48	338. 01 329. 97
44.66	52. 88	47.97	33. 70	45. 76	14. 15	7. 18	62. 05	308. 35
44. 57	49. 18	41.58	34. 00	45. 12	14.40	6. 88	53. 89	289. 62
50. 59	55. 64	47. 13	38. 87	47. 60	15.70	7. 00	52, 87	315. 40
50. 61	57.72	51.87	39. 52	49. 28	17.00	7. 86	57. 29	331.15
50. 67	58. 64	48. 25	39.68	52. 08	16.80	8.00	54.06	328. 18
51. 47	57. 82	53.42	40. 22	50.00	16. 45	7. 86	58. 99	336. 23
52, 03	59. 02	51. 83	41. 05	55. 68	15. 55	7. 12	60. 01	342. 29
50. 43	53. 90	40. 35	37. 59	46. 32	15. 95	6.82	56. 10	307.46
48. 31	54. 80	45. 49	38. 47	50.00	15. 40	7. 44	56. 27	316. 18
50. 01	49.04	43. 78	31. 62	44. 32	15. 95	6.00	56. 27	296. 99
47. 46 45. 13	50. 52 52. 00	44. 70 41. 72	34. 29 35. 67	45. 92 46, 56	14. 85 15. 20	7. 12 7. 74	50. 32 57. 29	295, 18
49. 95	57. 44	52. 98	39, 89	49. 28	15. 20	7. 02	56, 27	301, 31 328, 38
47. 83	52. 20	41.07	36, 64	46. 88	16. 05	7. 02	58. 65	306. 76
43.95	49. 28	40.72	32. 94	45. 04	14. 20	6. 36	54. 23	286. 72
51.84	57. 92	50. 63	40. 94	50. 40	16, 45	7.06	61. 37	336. 61
42.09	48. 64	41.77	32.38	43. 28	13. 75	7. 02	58. 99	287. 92
45. 54	49. 96	41. 49	34. 20	44.80	14. 80	6. 24	55. 59	292. 62
45. 48	53. 84	46. 19	37. 70	51. 92	13.65	7. 74	55. 93	312. 45
46. 20	51.48	46.47	33. 80	43. 44	13. 40	7. 14	54. 57	296, 50
48.66	53.46	47. 29	37. 43	47. 60	15.45	7. 12	49.64	306, 65
44. 48	48. 86	42, 32	34. 91	44. 40	14.35	7. 00	53. 89	290. 21
51.04	54. 50	47. 15	37. 78	45. 68	16. 35	7. 00	65. 79	325. 29
46. 45	55. 92	52. 15	37. 84	48. 56	14. 00	7. 44	56. 10	318. 46
51. 23	60. 18	54.06	42. 73	52. 24	15. 80	7. 88	62. 05	346. 17
47. 93	49. 50	41. 65	37. 06	46. 08	15. 95	7. 50	52, 53	298, 20
48. 25 46. 44	56. 34 48. 50	51. 93 41. 28	42. 10 35. 02	55. 44 45. 76	15. 65 14. 40	7. 76 7. 00	61. 54 56. 95	339, 01 295, 35

Order of general merit for aca-	Names	State from which appointed	Date of admission	Age date admi:	e of	Sea se in pra shi	ctice
demic year	,			Years	Months	Months	Days
81	Brand, John William Chew	Indiana	June 12, 1920	18	1	8	17
413	Brereton, Wilkie Hill	Georgia	June 11, 1920	16	8	8	17
s277	Broda, Donald Frank	Florida	June 9, 1920	18	7	8	17
154	Brown, William Drane	do	Aug. 17, 1920	17	10	7	14
132 84	Browning, Laurance LeWright Bryant, Paul Kenneth	Kentucky	June 16, 1920 June 11, 1920	17 18	2 7	8	17 17
398	Brydon, George MacLaren, jr	Virginia	June 15, 1920	17	10	8	17
s362	Bullis, William Francis	Ohio	June 28, 1920	18	8	8	17
204	Bunker, Forrest Robinson	North Dakota	Sept. 16, 1920	19	3	8	17
222	Burchett, Eugene Carroll	Pennsylvania	July 7, 1920	17	6	8	17
366 281	Burris, Harry	Colorado	July 29, 1920	18	6	8	17
494	Burroughs, Sherman Everett, jr Bush, Stone Elkin	New Hampshire. Georgia	June 12, 1920 June 9, 1920	17 17	10	8	17 17
412	Buxton, John Wilson	Virginia	July 2, 1920	18	11	8	17
423	Cabanillas, Jose Manuel		June 16, 1920	18	9	8	17
b249	Calhoun, Allston DuPre, jr	South Carolina	June 10, 1920	18	2	8	17
58	Callaghan, Joseph Anthony	Maryland	Sept. 4, 1920	18	0	8	18
244	Callaway, Charles Howard		June 11, 1920	16	7	8	17
172 201	Calvert, Allen Phillip Cameron, Donald Ayres	Michigan Indiana	Sept. 18, 1920 June 2, 1920	19 19	0	8	17 16
302	Cameron, Thomas Stevenson			17	7	8	17
d	Campbell, Lee Fulkerson	Kentucky		19	1	8	17
48	Campbell, Robert Lord, jr	Michigan		16	9	8	17
s464	Caples, John Richard	New York	July 23, 1920	20	3	8	17
99	Carleson, Richard Pierce	At large	June 16, 1920	17	1	8	17
g184	Carney, Arthur Gerald		June 1, 1920	19	8	10	13
326 355	Carr, Robert Sherman Carroll, Chester Edward		Oct. 11, 1920 June 15, 1920	19 19	8	11 8	16 17
110	Carroll, Ralph Clement		June 11, 1920	18	9	8	17
441	Clark, Robley Westland		do	18	2	5	19
g163	Clausen, Albert Julius		1	19	2	8	17
153	Cleaves, Willis Everett		1	17	8	. 8	17
*2	Clexton, Edward William		1	19	10	8	17
236 *9	Close, ForrestCochran, William Pearsol, jr		1	16 17	6	8	17 17
s518	Colburn, Richard Castle	-		19	2	8	17
*30	Cole, William Marchant			17	õ	8	. 17
415	Coley, Lewis Elliot		June 28, 1919	19	9	8	17
350	Collins, Dewey Heisner		1	20	3	8	17
142	Collins, Howard Lyman			16	9	8	17
478 486	Colt, Stockton Beekman, jr Cooke, John Francis			18 17	2 7	8 8	17 17
\$303				18	4	8	17
363					8	8	17
MC405	Cresswell, Charles Frederick	- Wisconsin		20	1	11	16
171				18	9	8	17
467				18	10	8	17
66 197			į.	18	3	8	17
191	Cullen, Carl Edward	District of Co- lumbia.	Aug. 4, 1920	18	10	'	14
32		Massachusetts.	June 11, 1920	17	0	8	17
41				19		8	17
319	Dahlgren, Joseph Francis	New Jersey	June 14, 1920	18	10	1 7	4

525 members—for the last year of their academic course—Continued

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregat fourth year
			ľ	Maximum				1
60	72	60	48	64	20	8	68	400
51. 75	55, 74	45. 14	39. 46	50. 96	17. 30	6, 86	61. 20	328.
45. 23	49. 58	42. 09	33, 61	44. 80	15. 85	7.50	53. 04	291.
49. 86	54. 20	45. 36	34, 11	46. 56	17, 00	7. 24	50. 49	304.
51. 61	53. 18	47. 54	37. 04	49. 76	15. 45	7.24	55. 08	316.
49. 59	53. 26	48. 29	38. 62	49, 28	16. 40	7.00	57. 80	320.
49. 05	55. 40	47. 10	39.76	51. 60	15. 45	7.66	62. 22	328.
47. 16	50. 24	46. 17	33. 78	41.92	. 13.85	6. 88	53.38	293.
45. 18	50. 68	40.82	34, 34	45, 52	15. 30	6. 50	58. 31	296.
49.82	54, 32	41. 52	37. 90	50.08	16. 20	7.88	53. 21	310.
49. 91	53. 36	43.02	37. 96	47. 12	16.05	7.72	54, 06	309.
47.75	53. 24	44. 40	33. 51	44. 56	15. 05	7.44	50. 49	296.
46. 66	51. 52	49, 04	35. 01	44. 64	15, 45	7. 50	54. 74	304.
45, 15	47.74	39. 25	33.00	43. 20	15, 65	7.00	52. 36	283.
44. 89	49. 10	39. 22	34. 82	42. 72	15. 45	7.38	58. 14	291.
45, 86	51.00	46. 03	34. 28	44.80	14, 45	6.00	48, 28	290.
45. 54	50. 10	43. 38	36. 83	45. 76	15. 50	7.00	63. 07	307.
51. 10	58. 54	50.04	41. 17	51. 12	17.00	6.00	58, 65	333.
47.46	51. 56	48. 05	35, 14	44. 64	16. 50	7. 50	56. 78	307.
48. 27	55, 84	44. 18	40. 36	48. 56	14. 15	7.32	56. 78	315
47. 69	52, 90	43, 23	40. 18	50. 64	15, 55	6.86	54. 91	311.
45. 39	51, 22	44. 66	37.68	44. 72	13. 90	7.74	56. 78	302.
					14.80		56. 61	
51.91	57.40	51. 05	37. 97	52. 72	16. 95	6.00	61. 71	335.
44.38	48. 42	41. 46	34. 28	43. 76	14. 40	7.44	52.36	286.
50. 35	56. 40	48. 01	39. 18	53. 68	15. 30	7.00	56. 61	326.
48. 48	53. 42	46. 16	36. 74	47. 76	15. 00	7. 50	59. 16	314.
47, 27	51, 20	45. 92	34.88	45.04	15.05	6.44	54. 57	300
47. 00	49. 78	42. 11	35. 55	45. 04	15. 10	7. 16	55. 93	297
50.12	57. 08	49, 31	40. 48	50.08	16.00	5. 36	55. 42	323
43, 54	48, 82	44. 57	34. 44	44. 88	13. 30	6.68	53, 04	289
49. 21	54. 04	43, 97	38. 05	48. 32	14. 55	5. 94	62. 05	316
47. 45	53. 18	51. 26	35. 30	46. 00	13. 55	6. 38	63. 92	317
53. 50	60. 60	54. 04	42. 44	55, 92	17. 05	7. 50	67. 15	358
48, 62 53, 38	54. 28 59. 78	42. 80	38. 84	49. 52	15. 90	7. 44	50.66	308
43. 42	59. 78 47. 42	51. 90	43. 06	53, 68	17. 10	7. 74	66. 64	353
51.85	59. 54	38, 97 51, 30	32, 91 41, 37	42.32	12. 75 16. 30	7. 50	49. 98	275 340
44. 93	49. 32	39. 81		54. 40		7. 56	57. 97	291
45. 92	50.46	43. 53	33. 62 35. 63	42. 72 45. 36	14. 60 14. 00	7. 74 6. 62	58. 65 56. 44	291
48. 11	54. 14	46. 24	38. 46	49. 52	15. 90	7. 80	58. 48	318
44. 46	48. 66	40. 57	36. 73	49. 52	14, 90	6.00	49, 47	285
44. 54	48. 50	40. 98	32. 24	44, 64	13. 40	7. 74	53. 04	285
46. 20	51. 95	49. 10	34. 79	43. 92	15, 60	7. 44	52, 87	301
46. 77	51.06	42. 72	34. 22	45. 52	14. 95	5. 18	56. 10	296
45. 96	50. 62	40. 63	35. 30	44. 24	15.05	5. 50	55, 59	292
49. 07	56. 66	45. 76	37. 46	45. 68	14. 70	7. 12	59. 16	315
46. 89	47. 48	40, 49	36. 28	42.96	15. 10	6. 94	50. 32	286
52. 40	57. 78	49. 80	38. 72	50, 80	16. 50	7.80	57. 63	331
51. 15	51. 10	47. 48	35, 13	42, 32	15, 05	6, 54	63, 75	312
50. 73	57. 96	49. 89	38. 38	54. 40	15. 75	7. 62	64. 43	339
52. 15	59. 98	47.88	41. 03	54.00	16. 25	7. 50	58. 31	337
46.64	50. 64	43. 66	35. 50	45. 60	16. 60			

Order of general merit for aca-	Names	State from which appointed	Date of admission	Age dat admi	e of	Sea se in pro shi	
demic year				Years	Months	Months	Days
MC229 285	Dalton, Lawrence Whitehead Dancy James Russell	Massachusetts Oklahoma	June 15, 1920	19 19	6	8	17 17
167 440	Daniel, Henry Chesley Daniel, John Cheshire	Pennsylvaniadodo	July 2, 1919	16 19	8	11	16
149 \$139	Dantzler, Tillman Trotter Darlington, John Joseph	Mississippi Virginia	Aug. 7,1920	16 20	7	8	17 17
*5 221	Dartsch, Frederick Albert Leslie. Dascomb, Edmund Brooks	Illinois Texas		17 18	5	8	17 17
SC 321	Davies, Joe Taylor	Alabama		18	6	8	17
463	Davis, Frank Reynolds	Pennsylvania		19	5	11	16
107	Davis, William Virginius, jr	Georgia Virginia	Aug. 5, 1920	18	6 5	8	17
309 \$111	Day, Douglas Turner, jr	New Jersey	June 2, 1920 July 29, 1920	17	5	11	16 17
338	Deam, Frank English	Kansas	June 12, 1920	19	2	8	17
238	Demarest, Harold Raymond	California	Sept. 1, 1920	19	1	8	17
386 \$182	Deutermann, William Vincent Devens, William George	New York Missouri	June 16, 1920 June 11, 1920	19 19	10	8	17 22
495	De Wolfe, Maurice Mortimer	Michigan	do	19	2	8	17
447	Dey, Walter Chester	Oregon	June 14, 1920	18	11	8	17
490	Dickie, Arthur Bigelow	Idaho	June 11, 1920	19	10	8	17
476 *12	Doan, Henry Carpenter Dockweiler, Edward Vincent	Pennsylvania California	June 15, 1920 Sept. 27, 1920	16 19	5 5	8	17 17
439	Doggett, Burton Lee	Oklahoma	Aug. 23, 1920	19	7	5	19
435	Domer, William Samuel	Pennsylvania	June 21, 1920	17	3	8	17
70	Drexler, Henry Clay	Delaware	May 29, 1920	18	10	14	10
253 *6	Dugan, Hammond James Duke, Irving Terrill	Oklahoma Virginia	June 19, 1920 June 16, 1920	17 19	5	8	17 17
499	Dunn, Peter Henry Hill	Colorado	June 10, 1920	17	10	8	17
289	Duvall, William Howard	Virginia	June 16, 1920	16	8	8	17
34	Dyer, Thomas Harold	Missouri	June 12, 1920	18	1	8	17
213	Earl, Kenneth		June 9, 1920	18 18	9	8	17 17
56 506	Eckberg, Walter Theodore Edgar, Harold Brown		June 10, 1920 Sept. 24, 1920	18	2	8	17
442	Edwards, Louis Benjamin	Ohio	June 24, 1920	18	4	8	17
*11	Ekstrom, Clarence Eugene		June 25, 1920	18	4	5	19
*23 94	Ellist, Arthur Beverly	West Virginia	June 10, 1920 July 28, 1920	17 17	9	. 8	17 17
52	Ellis, Norman Wyatt		Aug. 16, 1920	19	3	8	17
519	Engeman, John Thomas, jr	New York	Sept. 16, 1920	18	10	7	8
372	Erdmann, William Lawrence		June 9, 1920	17	7	8	17
360 278	Ericsson, Hampton Maturin Esmond, Robert Wellington		June 17, 1920 June 9, 1920	18 19	7 6	8	17 17
\$345	Evans, Chesley McAllister		June 14, 1919	18	10	11	16
211	Evans, George Washington, jr		June 16, 1920	19	10	8	17
402	Evans, William Ashby, jr		June 9, 1920	20	0	8	5
57 \$124	Fairbairn, Donald William Falge, Francis Marion		July 2, 1920 June 15, 1920	17 17	6 10	8	17 17
357	Farrell, Joseph Aloysius, jr		Sept. 2, 1920	18	11	8	17
s136	Ferguson, James William, jr	North Carolina	Sept. 25, 1920	20	4	8	17
395	Ferriter, Charles Arthur		June 12, 1920	19	2	5	19
NIC232 50	Fike, Charles Laird Fines, Clifford Ashton		June 15, 1920	18 19	3 2	8	17
185	Fish, Howell Church	do	June 13, 1919	18	1	10	22
*16	Fisher, William Gooding	do	June 14, 1920	16	5	8	17

525 members—for the last year of their academic course—Continued

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregate fourth year
		· · · · · · · · · · · · · · · · · · ·	1	Maximum				
60	72	60	48	64	20	8	68	400
46. 78	50. 98	43, 48	37. 62	46. 16	15. 75	5. 88	62, 22	308. 8
46, 84	49. 18	45. 85	36. 09	44. 88	13. 45	7. 54	60.35	304. 1
48. 89	53. 08	43.35	38. 71	47. 76	14. 10	7. 50	62. 39	315. 7
44. 13	48.82	41. 91	33.86	42. 80	15. 40	6, 50	55. 93	289. 3
49. 56	53. 44	47. 91	39. 40	49. 20	16.00	7.06	54. 91	317. 4
53. 15	54. 54	48. 05	37.93	47. 12	16. 55	6. 80	54. 74	318.8
55. 13	60. 88	55. 95	41. 45	56. 00	17. 15	7. 88	62. 90	357. 3
50. 11	50. 94	43. 26	38. 89	46. 88	16. 90	7. 62	54.74	309. 3
46. 26	51. 46	44. 12	36. 71	44. 40	14. 80	6. 24	56. 44	300.4
44. 11	49. 76	40. 28	34. 81	45. 60	13. 10	7. 52	51. 34	286. 5
52. 67	57. 12	45. 36	40. 25	51. 60	15. 40	6. 74	55. 59	324. 7
46. 45	50. 84	45. 82	37. 30	47. 68	13. 70	6. 76	52. 70	301. 2
47. 27	55. 58	49. 05	39. 79	54. 80	15. 50	7. 26	54, 40	323. 6
46. 53	50. 46	42. 48	36.74	45. 76	14. 40	6. 50	56. 44	299. 3
50. 46	52. 04	43. 30	37.70	46. 16	14. 60	6. 32	57. 46	308.0
44. 53	49. 58	42. 38	36. 55	46. 48	14. 35	7. 36	53.38	294. 6
48. 50	52. 80	46. 55	35, 68 33, 20	49. 60	14. 75	6. 24	60. 18	314. 3
43. 97 45. 72	46. 76 50. 72	39. 22	31. 83	42. 48 44. 48	13. 50	6. 74 6. 86	57.46	283. 3
45. 72	47. 82	43. 64 40. 30	32. 19	44. 48	16. 20 13. 60	6. 24	48. 96 56. 95	288. 4 284. 0
44. 28	48. 00	41. 52	34. 42	43. 04	13. 95	6. 00	54.74	285. 9
52. 94	64. 20	52. 46	43. 05	56. 56	17. 20	7. 70	57. 12	351, 2
45. 32	49. 28	38. 49	36. 13	47. 04	13. 10	6. 68	53.38	289. 4
44. 74	50. 26	42. 60	34. 42	43. 84	13. 15	6. 68	53. 89	289. 5
51. 75	56. 44	46. 81	39. 37	47. 84	15. 80	6. 86	65. 96	330. 8
48. 18	53. 26	46. 22	37. 68	46. 48	14. 90	6. 12	54.06	306. 9
54. 14	64. 72	53. 68	44. 17	57. 68	18. 65	7.74	55. 25	356. 0
43.09	46. 78	44. 70	32. 93	43. 20	14. 85	7. 62	49.81	282, 98
48.09	50. 60	46. 35	35. 81	47. 28	14. 55	6.00	55. 25	303. 93
51.00	59. 30	54. 15	39. 31	54. 16	16. 25	7. 42	57.46	339. 0
46. 64	55. 56	47. 89	35. 67	46. 40	15. 85	6. 74	55. 08	309. 83
52. 50	57. 84	49. 55	40. 58	50. 48	18. 35	7. 90	56. 95	334. 1
42.32	48. 40	45. 80	31. 38	44. 72	13. 55	6. 42	48. 79	281. 38
44. 89	48. 46	40. 76	32. 34	44. 00	14. 85	6. 50	57. 29	289. 09
55.00	64. 96	55.87	43. 03	54. 00	17. 95	7. 24	54. 74	352. 79
51. 09	61. 30	55, 16	40. 42	55. 36	16. 45	6. 88	57. 80	344. 46
48. 04	54, 20	48. 16	39. 08	51. 04	14. 55	6.00	65. 79	326. 86
51. 97 45. 22	57. 60 48. 38	53. 11	40. 29	51. 20	14. 65	7. 50	58. 65	334. 97
45. 81	52. 08	39. 87 42. 82	32. 53 36. 84	42. 88 45. 60	13. 75	5. 66 5. 68	45. 90	274. 19 295. 78
46. 23	47. 32	42. 50	34. 02	44. 88	14. 05 14. 50	7. 00	52. 87 60. 52	296. 9
47. 14	53. 08	45. 64	35. 82	45. 12	16. 85	7.74	53. 38	304. 77
45. 94	50. 32	43. 81	35. 28	43. 76	14. 95	6.00	58. 48	298. 54
48. 87	53. 64	43. 69	39. 82	47. 04	15. 80	6. 92	54. 23	310. 0
46. 10	49. 56	43. 00	34.35	45. 52	14.45	7. 58	52. 70	293. 26
52. 80	56. 80	53. 34	39. 58	53. 92	16. 45	7. 00	54. 06	333. 98
47. 98	54.30	51. 29	37. 66	48.08	14. 80	6. 68	60. 52	321. 31
48. 06	49.60	40. 11	36. 12	51. 76	14. 60	7. 00	50. 32	297. 57
47. 10	55. 10	46. 81	36. 93	47. 52	15. 45	6. 38	64. 09	319. 38
44. 18	50.44	44. 15	34.37	43.92	16. 20	8.00	52. 36	293. 62
46.75	52.00	45. 36	38. 07	49. 20	14.40	7. 24	55. 59	308. 61
53. 94	57. 62	. 52.30	41. 83	51.28	16. 25	6.44	55. 76	335. 42
45. 32	53. 92	53. 51	37. 54	51. 84	15.50	5. 12	51.34	314. 09
52.47	60. 64	55. 51	40. 55	54.48	16. 20	7. 90	60. 52	348.2

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Order				Age	e at e of		ervice
of				admi		in pra	actice
general		State from which	Data of				
merit for	Names	appointed	Date of admission				
aca-		appointed	- COMMISSION				
demic					95	5 0	
year				ī.	4	ith	oc _
				Years	Months	Months	Days
MC392	Fletcher, Floyd Mason	Alabama	May 27, 1920	19	8	11	16
321	Floed, Hickory Carter	Idaho	June 9, 1920	17	10	8	17
488	Flynn, James Martin	New York	Aug. 13, 1920	18	5	8	17
356	Folger, Clinton Hayward Francis	Maine	Sept. 16, 1920	17	5	8	17
433	Fowler, Joseph William	New York	June 15, 1920	16	7	8	17
109	France, William Cook	Oklahoma	Sept. 10, 1920	17	10	8	17
458	Francis, Dennis Larkin	Colorado	June 29, 1920	19	4	8	17
467	Frank, Louis Paul	Virginia	June 10, 1920	19	9	8	17
297	Fraser, Thomas Edward	Massachusetts	Sept. 3, 1920	19	7	8	17
89	Freels, Archie James	Illinois	Sept. 18, 1920	19	8	8	17
s276	French, Forest James	Ohio	May 29, 1920	18	2	11	16
MC410	French, Walter Huntt	do	June 15, 1920	18	6	8	17
83	Furth, Frederick Raymond	North Dakota	Sept. 23, 1920	18	11	8	17
$498\frac{1}{2}$	Gallagher, Edward Francis	New York	Aug. 24, 1920	18	8	8	17
127	Gamet, Wayne Neal	South Dakota	Aug. 16, 1920	19	9	8	9
370	Ganahl, Richard Gregory	Utah	Sept. 14, 1920	17	8	8	17
s418	Garcia, Henry Frederick	Ohio	Sept. 11, 1920	17	7	8	17
512	Gardner, Francis Hartt	Oregon	June 15, 1920	18	11	8	18
38	Garvin, Joseph Hawley	Texas		19	0	7	21
199	Gates, Herbert Kenneth	Michigan	June 9, 1920	18	11	8	17
a298	Gibbons, Joseph Howard, jr	Kentucky		19	4	8	17
s129	Glass, Benjamin Weaver	Alabama		17	6	8	17
243	Gminder, Edward Evans	Pennsylvania	June 15, 1920	16	10	8	17
309	Goldthwaite, Robert	Alabama	Aug. 3, 1920	16	10	8	17
422	Goodall, Henry William	Kansas	Sept. 1, 1920	20	0	7	18
324	Gore, Tom, jr	Ohio	June 1, 1920	18	7	11	16
157	Gouin, Marcel Emile Alcan	Massachusetts	June 9, 1920	19	11	8	17
248	Graesser, Walter Max	Connecticut	Sept. 16, 1920	19	2	8	17
224	Graf, Paul	Indiana	June 11, 1920	19	7	8	17
500 45	Granbery, George McRee		June 16, 1920	18	5	8	17
*14	Grandfield, Francis JosephGregor, Orville Francis	Connecticut	Aug. 5, 1919	19 17	1 5	8	17 17
469	Griese, Arthur Adolph		Sept 14, 1920 Aug. 4, 1920	20	0	8	17
g103	Griffith, Thomas Richards, jr		June 9, 1920	18	7	8	17
291	Gwinn, Louis Hunter		June 17, 1920	20	2	6	11
SC473	Hake, George Edward		Aug. 4, 1920	18	11	8	17
444	Hall, Harrell Willoughby		June 16, 1920	20	0	8	17
106	Handly, Albert		do	19	10	8	6
s212	Hangs, James Frederick		June 15, 1920	17	1	8	17
353	Harmon, Alvin Bassett		June 18, 1920	19	4	8	17
133	Harris, Dale	Pennsylvania	June 15, 1920	18	9	8	17
239	Harris, John Clough	Michigan	June 16, 1920	17	11	8	17
*18	Harrison, Henry Hartwell		June 17, 1920	18	6	8	17
190	Hostman Frederick Ch. 1	lumbia.	Texter 00 1000	10	_	0	,,,
120 427	Hartwig Glenn Boy			16	7	8	17
227	Hartwig, Glenn Roy			18	2 3	8	17 9
*3	Harvey, Warren Wallace Hatcher, Robert Stetinius	Texas		19		8	17
299	Hawkinson, Leslie Herman			17 20	10	8	17
*20	Hayes, John Aloysius			17	1	8	17
241	Hayes, John Daniel			18	6	8	17
339	Hays, William Slaughter			18	5	8	17
160	Hayter, Hubert Montgomery				8	8	17
313	Heddens, Francis Marion	Indiana	Aug. 13, 1920	19	0	8	17
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525 members—for the last year of their academic course—Continued

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregate fourth year
			0	Iaximum				
60	72	60	48	64	20	8	68	400
47, 86	49. 32	40, 51	34, 25	43.76	15. 45	7. 00	55, 76	293. 91
44. 38	51.84	43. 06	36. 42	44, 96	16.00	7. 50	56. 27	300, 43
44. 22	52.44	40.20	32.37	43. 04	13. 40	6, 94	52.02	284. 63
47.06	50. 16	49.96	36. 38	44. 80	14.60	7. 26	47. 43	297. 65
44. 08	50. 78	41. 02	34. 23	45. 36	14. 70	6. 50	53. 21	289. 88
49. 57	55. 34	48. 29	38, 27	52.08	15. 65	7.00	57. 97	324. 17
44. 17 44. 33	49. 74 48. 52	42. 99 40. 86	33. 73 36. 08	43. 20 44. 88	14. 65 14. 50	6, 62 6, 12	52. 02 51. 17	287. 12 286. 46
47. 95	53, 28	46. 05	35. 36	44, 80	14. 60	6. 32	54. 57	302. 93
47. 63	55. 64	52, 97	40. 21	49. 76	16. 75	6. 90	57. 63	327. 49
46. 36	55. 16	47. 53	35, 29	48. 72	14. 50	6.74	50.66	304. 96
47. 61	49.62	41.78	32.41	43. 28	15. 65	7.00	54. 57	291.92
51. 58	57.50	46. 52	40. 11	49.04	14.85	7.18	61. 54	328.32
44. 56	49, 20	38.88	33. 80	43. 92	13. 70	7. 62	51.34	283.02
49. 17	54. 60	45, 28	36. 32	47.04	17. 30	7. 00	64.09	320. 80
48. 31 46. 42	50. 78 48. 20	41. 69 40. 17	36. 99 35. 65	43. 84 41. 52	17. 35 15. 00	7. 90 7. 36	48, 96 56, 95	295, 82 291, 27
43, 34	47. 34	39. 49	32. 60	44.08	13. 30	6.06	51. 51	277. 72
51. 09	62. 42	52. 40	39. 99	52.40	16. 45	6.88	56. 27	337. 90
52. 87	51. 96	42. 38	37. 08	45. 84	15. 55	6. 74	59. 84	312. 26
49. 47	49.38	42. 21	34, 50	45, 12	15. 50	7. 90	58.82	302.90
49.81	58. 18	46. 97	39.80	50.16	15, 55	6, 00	53. 89	320.36
48. 70	52. 94	48. 29	35. 92	47. 20	14. 80	6.00	53. 89	307. 74
46. 09	50. 12	43. 46	36. 28	44.00	14. 10	6.00	61. 20	301.25
44, 45 47, 26	51. 20 51. 84	42. 05 44. 44	33. 20 33. 08	43. 36 44. 48	13. 70 13. 85	7. 00 7. 32	55, 93 58, 14	290. 89 300. 41
47. 72	54. 26	45. 22	38. 72	53.92	15. 35	7. 00	54. 23	316. 42
46. 39	53. 28	45. 48	35. 07	49, 92	14. 30	7. 50	55. 42	307.36
47. 93	52. 42	49. 51	, 37. 42	49. 44	14. 65	7.62	50. 15	309.14
42. 75	47.02	41.83	34. 27	43. 84	12.70	7.86	52. 70	282. 97
52. 48	58. 70	47.72	39. 75	51. 76	17.95	7. 88	60. 18	336, 42
53. 41	61. 34	54. 15	42. 84	57. 28	16. 05	7. 74	56. 95	349.76
45, 59	48. 92	40. 20	32.85	43. 44	16. 95	7. 32	51, 17	286, 44
49. 01 47. 05	56. 46 49. 94	47. 24 43. 32	40. 76 34. 76	54. 08 43. 92	16. 80 14. 05	6. 56 7. 68	55. 08 63. 07	325. 99 303. 79
44. 77	49. 06		34.01	44, 40	13. 20	6.00	52, 53	286, 22
45, 75	47.98	40. 72	34. 84	42. 80	14. 40	7. 44	54.74	288. 67
49.71	58.92	48. 28	41.72	53. 60	14. 75	5.94	52. 36	325. 28
49, 37	54. 60	46. 86	37. 61	47. 04	16. 25	7. 24	51.00	309.97
47. 33	50. 16		38. 16	46.08	15. 85	5, 50	51. 51	297. 74
48. 31	54.00		36. 39	48.72	16. 25	6. 50	62. 56	319. 92
48. 71 53. 22	51. 30 61. 60		39. 54 40. 91	45. 04 52. 64	14. 05 16. 40	6. 18 6. 00	56. 78 63. 24	307. 86 347. 21
49. 59	56. 56	50. 05	36. 80	47. 36	15, 35	6. 74	59. 50	321. 95
44, 24	50.68		34. 34	44. 40	14. 15	6.00	52, 87	290. 42
45. 85	51. 42		37.00	46.00	14. 30	6. 50	59. 33	309. 05
52. 42	63. 32		42. 36	60.00	15. 90	6. 74	63. 07	357. 94
45, 62	50, 20		35. 07	45, 36	15. 05	7. 74	55, 93	302. 78
51. 36 47. 70	60. 28			52. 08 45. 20	17. 65	7. 50	66. 30	345. 94
47. 79 46. 41	51. 16 49. 86		36. 22 33. 79	45, 20 43, 84	16. 10 15. 50	7. 90 7. 62	58. 82 58. 31	307. 80
48. 43	54.62		37. 54	47. 20	13. 75	7.02	61. 20	299. 22 316. 24
44. 59				48.72		7. 18		

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Order	•			Ag	e at te of		ervice actice
of					ission		ips
general	Names	State from which	Date of			Ì	
for	Names	appointed	admission				,
aca- demic							
year				, n	Chs	ths	
				Years	Months	Months	Days
				¥.	Z	Σ	9
*18	Hedding, Truman Johnson		Sept. 21, 1920	18	2	8	17
336	Heine, Minor Charles	Ohio	June 18, 1919	18	10	9	29
s295	Heisser, Arthur Roger	do	Aug. 31, 1920	17	9	8	17
SC456	Herlihy, Joseph Lee	Massachusetts	June 10, 1920	18	4	7	14
43	Herring, Lee Rutledge	Oklahoma	June 15, 1920	16	9	8	18
208 95	Herrington, Lewis Butler, jr Hickey, William August	Kentucky	June 16, 1920 June 21, 1920	16 18	7	8	17
181	Hill, Stuart William	Illinois	July 23, 1920	18	8	8	17
262	Hoffman, Charles Monroe Elmer	Florida	June 28, 1920	20	0	8	17
72	Hogg, John Thomas	Pennsylvania	June 15, 1920	18	4	8	17
333	Hogle, James Bernhardt	Texas	June 30, 1920	19	7	8	17
414	Holbrook, John Ames	Idaho	June 9, 1920	17	6	8	17
s200	Holler, Walker Wesley	South Carolina	June 16, 1920	17	8	8	17
368	Holtzclaw, John Smith	Georgia	June 28, 1919	16	9	11	16
394	Hook, Francis Moore	do	June 9, 1920	18	1	8	17
50	Hooper, Arthur Mann	New Jersey	June 10, 1920	19	10	8	18
351	Hopkins, Howard Vaniman	Colorado	June 9, 1920	19	9	8	6
42	Hopping, Hallsted Lubeck	New York	do	17	8	8	17
g496	Horne, Donald Francis	New Hampshire	July 2, 1919	19	0	8	17
A 364	Horsch, Alfred Carl	Illinois	June 11, 1920	19	4	8	17
g373 148	Hough, Charles Samuel Howard, Henry Peyton, jr	Arkansas Maryland	June 19, 1920 June 28, 1920	16 16	9 5	8	17
175	Howland, George Felix	Illinois	June 11, 1920	17	10	5	19
503	Hubbard, Crichton Newell	Tennessee	do	19	7	8	17
226	Huckins, Thomas Averill	Missouri	June 12, 1920	18	9	8	17
MC389	Hudnall, James Henry Natt	New Mexico	June 15, 1920	18	4	8	17
s216	Hull, Leon Clinton	Rhode Island	June 9, 1920	17	6	8	17
M C97	Hunt, Alan Thornton	Massachusetts	July 3, 1920	19	9	5	19
425	Hunter, Edward Nichols Wilcox	Virginia	June 18, 1920	18	2	8	17
76	Hurst, Adrian Melvin	Ohio	Sept. 21, 1920	18	2	8	17
268	Hyatt, John Kenneth	New York	Sept. 2, 1920	20	4	8	17
283	Hyde, Jere David	California	June 28, 1919	17	10	11	16
119	Hyman, Willford Milton	Nam Vank	Sept. 16, 1920	19	1	5	19
409 404	Ilsemann, Frederick Joseph Irish, Elijah Warriner	New Yorkdo	June 15, 1920 June 25, 1920	19	1 11	8	17
8344	Jaudon, Leonard Bates	Missouri	Sept. 14, 1920	19	2	8	17
361	Johnson, Joseph Frederick	Mississippi	Aug. 4, 1920	18	8	8	17
e320	Johnson, Leon Wyman	Alabama	June 9, 1920	18	7	10	12
288	Johnson, Richard Fitz-James, jr	North Carolina .	June 15, 1920	18	2	8	17
483	Johnson, Robert Henry Glass	Virginia	May 29, 1920	19	6	8	19
274	Jones, Howell Arvon	Illinois	July 16, 1920	19	0	8	17
474	Kanakanui, William Atherton	South Dakota		19	7	8	17
390	Kearns, Michael Ignatius	At large		19	10	11	16
300	Keliher, Robert Hull	Massachusetts		16	11	11	16
432	Kelly, Samuel Guernsey	Arizona		19	7	8	17
113 116	Kennaday, John Martin	New Jersey		18	5 9	8	17 17
s387	Kent, Harry Gordon Kerrick, Alfred Hall	New York Pennsylvania		19	5	8	17
104	Keyer, Robert Arthur, jr.	Mississippi		16	10	8	17
446	King, George Carleton	Arizona		20	0	8	17
516	King, Sidney	Minnesota		19	6	8	17
252	Kirkland, Thomas Jefferson, jr	South Carolina.		17	2	8	17
498	Kissam, Gordon Denslow	New York		18	6	8	17
347	Kline, Arnold Ralph	Ohio	June 19, 1920	17	2	8	17

525 members—for the last year of their academic course—Continued

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregate fourth year
			1	Maximum				
60	72	60	48	64	20	8	68	400
=2.00	61. 14	54. 83	42, 63	58. 16	16, 90	7, 62	59. 67	354. 24
53. 29 46. 65	49.82	45, 38	34.88	44.00	14. 10	6. 50	58. 31	299. 64
44.81	52, 88	45. 07	35, 50	45, 92	13. 50	8.00	57. 63	303. 31
43.66	48.74	40. 53	35. 11	46.32	13.80	6.00	53. 21	287.37
53. 39	62. 20	51.91	40.54	54.08	17. 20	7.12	50.49	336. 93
46.03	51.40	46. 46	35.74	48. 16	15.30	7.00	60.69	310.78
50.05	56. 96	49. 52	38. 67	54.64	14. 45	7.38	55.08	326. 75
48. 63	55. 64	51. 68	37.61	50.40	15. 30	5. 12	50.15	314.53
48. 52	52. 36	43. 56	36. 76	45.84	13. 75	6, 50	59.16	306. 45
51.05	54. 48	46. 22	38. 93	49. 44	15. 75	6.32	68.00	330. 19
45. 98	53.94	42. 22	35, 28	45. 76	13. 40	7. 74	55. 59	299. 91
45. 77	50. 74	42.90	36.88	43.92	14. 20	6. 72	50.49	291.62
49.35	53. 44	45.85	34, 28	46. 64	15. 60	6.00	61. 03	312. 19
44. 90	49.90	46. 77	33. 15	43, 28	15. 00	7.68	55, 25	295. 93 293, 66
47. 69 50. 73	51. 32 58. 14	42, 72 48, 25	34. 86 40. 92	43. 68 53. 92	14. 40 16. 50	6. 12 6. 88	52. 87 59. 84	335, 18
46. 34	48. 78	43. 29	34, 53	44, 64	14. 55	7.00	58. 82	297. 95
51. 12	56. 72	51. 18	39. 93	48. 16	18. 45	7.00	64, 43	336. 99
41. 72	48. 46	40. 05	31.36	42, 48	12.90	6, 32	60.01	283, 30
43.67	50. 58	41. 52	35. 17	44, 96	16. 00	8, 00	56. 61	296. 51
49.02	51.08	49. 26	32.30	43, 12	14. 50	6. 72	49.64	295, 64
48, 18	55, 52	51.12	37.42	49. 52	16. 40	6.00	53.38	317. 54
47.81	53. 22	47.09	36.60	44.48	18.75	6. 72	60.52	315. 19
42, 97	47. 26	41, 27	31, 72	43.44	14.00	6.36	55. 25	282, 27
48.08	55. 48	46. 33	36. 78	45.60	15. 30	5. 44	56. 10	309. 11
46. 97	49. 78	40. 27	34.06	44.88	15. 30	7.50	55. 76	294. 52
49. 01	53. 54	46. 88	35. 63	46. 40	16. 50	6.00	55. 76	309. 72
50. 47	58. 98	51. 03	37.86	47. 76	16.00	7. 24	57. 29	326. 63
44. 60 49. 75	47. 86 56. 52	43, 72 51, 72	34. 33 38. 06	43. 84 48. 72	14. 10 16. 35	5. 74 7. 16	56, 44 61, 37	290, 63 329, 65
48. 82	51. 84	42. 12	33. 48	44, 64	15. 40	6. 68	62. 90	305.88
48. 74	51. 74	42, 58	38. 77	46. 64	15. 35	7. 18	53.38	304.38
49.35	56. 16	49. 10	38. 67	51. 68	14.85	6.82	55. 76	322, 39
45. 78	49. 78	41. 14	35. 56	44.80	13. 90	7.62	53.72	292, 30
45. 76	52. 58	41.49	34.76	43.84	14. 30	5. 50	54.74	292.97
47. 28	50. 58	41. 92	33. 63	44. 64	15. 75	7. 12	57. 63	298. 55
46.08	50.76	42. 64	34.00	47. 68	14. 90	6.74	53. 89	296. 69
46.84	52.44	45. 47	35. 00	44. 96	13. 10	5.94	56.78	300.53
47. 60	52. 40	43. 41	37. 78	44.48	15.80	6.86	55. 76	304.09
46. 56	47. 98	43. 08	33.72	44. 08	14. 20	3, 90	52. 02	285. 54
44, 89	49. 94	42.44	35. 75	46. 80	14. 95	6. 50	63. 75	305. 02
43.60	49. 32	39.38	32, 49	42, 80	12. 95	6. 24	59. 33	286. 11
45.39	49. 32 54. 02	42. 14	36. 49	43. 92	13.40 14.45	5. 94	57. 80	294, 40 302, 55
45. 93	48. 22	45. 47	35. 62	47.36	14. 45	7. 00	52. 70	
44. 50 48. 71	55.64	45. 50 46. 28	32, 92 38, 05	43. 12 45. 92	17. 00	6. 00 7. 32	55. 08 64. 43	290, 04 323, 35
47. 44	54.80	40. 28	40. 67	54.00	14. 45	7. 74	56. 27	322, 78
44. 77	51. 36	46. 59	34. 19	44. 96	13. 60	6. 74	52. 36	294. 57
48. 61	57. 28	48. 14	37. 20	52. 56	15. 90	5. 74	60. 52	325. 95
45. 49	47. 76	42.06	35. 27	43, 92	12. 65	6. 62	54.74	288. 51
42.32	46, 82	40. 25	31.84	42. 16	12. 55	6. 74	53. 38	276.06
47.68	55. 26	45.88	37. 12	47. 36	14. 05	6. 62	53.04	307.01
45. 68	47. 54	39. 29	34.70	42.72	14. 95	6.00	52. 19	283.07
45. 70	51.08	45. 38	33. 58	44. 64	15.05	7. 12	55. 93	298. 48

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Order of general merit for	Names	State from which appointed	Date of admission	Age dat admi		Sea se in pra shi	actice
aca- demic							
year				25	Months	Months	oc l
				Years	Mon	Мол	Days
*22	Kraft, Wendell Everett	Illinois	July 31, 1920	18	1	8	17
875	Kreiser, Alexander Walter, jr	Minnesota		19	1	8	17
147 64	Krook, Alfred Thomas Laidlaw, James Scott	Colifornia	June 9, 1920	19 16	8	8	17
1 337	Lajeunesse, Roy Warren	California Maine	June 10, 1920 July 16, 1920	18	4	8	17 17
*29	Lamberth, Hugh Rodman	Texas	June 9, 1920	16	7	7	4
515	Landstreet, James Collins	Tennessee		17	5	11	16
379	Lankenau, Wilfred Eric	Ohio	Aug. 2, 1920	18	9	8	17
489	Larson, Robert Warren	Wyoming	do	18	2	8	17
186	Latimer, Samuel Edwin	District of Co- lumbia.	July 27, 1920	18	3	8	17
210	Layne, Frank Chester	West Virginia	June 17, 1920	19	8	8	17
164	Layton, Edwin Thomas	Illinois	Aug. 3, 1920	17	4	5	26
8416 196	Lazell, James Draper Leach, Walter Dennison, jr	Iowa Minnesota	June 12, 1920	16 18	3	8	17
470	Lee, Charles Loomis	Pennsylvania	July 29, 1920	18	5	8	17
155	Legg, Charles Alston	Alabama	July 27, 1920	19	6	8	17
s98	Leman, Arthur Louis, jr	Texas	June 16, 1920	17	5	8	17
420	Leslie, Harold King	Pennsylvania	Aug. 20, 1920	17	10	7	19
505	Leverett, Arthur Bentley	Alabama	June 20, 1919	20	3	11	16
s290	Lewis, Joseph Newton, jr	Ohio	July 16, 1920	18	6	8	17
259 330	Lillard, Joseph Snell	Missouri Kansas	June 12, 1920	19 19	7 3	8	17
514	Linholm, Albert Russell Linthicum, Theodoric Clay	Mississippi	July 30, 1920	18	10	8	17
s126	Lloyd, David James.	Pennsylvania	Sept. 2, 1920	19	0	8	17
327	Lockhart, Robert Green	Ohio	June 10, 1920	18	5	8	17
151	Longfellow, William Jenkins	Maryland	June 27, 1919	18	5	11	16
74	Lovejoy, James Donovan	Ohio	July 13, 1920	17	8	8	17
206	MacDonald, Frank Wadsworth	Alabama	June 16, 1920	17	6	8	17
177	MacLean, Sumner Kinsman	Massachusetts	June 9, 1920	17	2	7	14
260 \$203	Magly, Austen Volker Mallory, Francis, jr	Ohio Virginia	Aug. 13, 1920 July 22, 1920	19 17	3	8	17 17
80	Mansfield, William Noel	Massachusetts	June 28, 1920	19	6	8	17
180	Marsh, John Arthur	do	July 23, 1920	19	4	8	17
e408	Marshall, Ted Conger	California	June 17, 1920	19	0	11	11
s231	Martin, Daniel Jerome	Massachusetts	June 10, 1920	17	8	8	6
396	Martin, Hugh Jack	Georgia	June 30, 1920	18	2	8	17
78 \$122	Mathews, Bob Orr	Colorado New Jersey	June 12, 1920	18 17	4	7 8	14 17
M C445	Matteucci, George Amadee	Ohio	Sept. 27, 1920 June 28, 1919	19	2	11	16
397	McCaleb, William Reed.	Pennsylvania	June 9, 1920	18	0	8	17
266	McCallum, Daniel Johnston	Idaho	July 13, 1920	19	5	8	17
379	McDaniel, Ralph Thomas	Ohio	Sept. 14, 1920	18	3	8	17
343	McDonald, Charles Clarke	Nebraska		18	10	8	17
452	McDonald, Charles Edgar	South Carolina		19	9	11	16
517 438	McDonough, James Francis McDowell, Neville Livingston	Massachusetts South Carolina	July 29, 1920 Oct. 4, 1920	16 20	7 0	8 11	17 16
328	McFadden, Archibald George Wm_	Minnesota		19	1	5	19
406	McIntosh, James Hiram	California	July 2, 1920	20	3	8	17
346	McKee, Ira Charles	Pennsylvania	June 17, 1920	18	11	7	14
507	McLaughlin, Alonzo Earl	New York		19	2	8	17
96	McLean, Donald Fitzroy	Washington		19	6	8	17
	McLean, Ephraim Rankin, jr	Mississippi	June 11, 1920	16	8	S	18

Changed from "Lishness."

525 members—for the last year of their academic course—Continued

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregate fourth year
			2	Iaximum			1	<u>' </u>
60	72	60	48	64	20	8	68	400
52. 21	57. 88	53. 00	41. 61	53. 12	18. 30	7. 62	60. 86	344.6
49.63	58.06	47. 99	43. 23	51.36	16.80	7.62	55.08	329. 7
47.98	53.44	47.05	36. 04	47. 52	14. 25	6. 12	65. 45	317. 8
49.73	57.70	47. 44	39, 82	50. 48	16, 25	7.74	62, 39	331.5
49. 02	49.62	41. 75	38. 21	43.60	14. 15	7. 74	55. 42	299. 5
52. 37	58.64	50. 31	41. 56	53. 20	16. 70	7. 88	59. 84	340. 5
42.98	47. 24	43.68	31. 14	42. 32	12. 95	7.40	48. 96	276. 6
44. 17	50. 84	42. 54	36.60	44. 88	14. 75	6.50	54. 91	295. 1
44. 14	49. 02	41. 04	34. 26	42.64	13. 70	7. 74	51, 68	284. 2
49. 75	53. 34	45. 57	35. 94	52. 08	15. 05	6. 00	56. 27	314.0
49. 25	54. 02	43. 83	37. 15	46.16	15.95	8. 00	55, 93	310. 2
49.06	54. 22	47.93	39. 05	51. 60	14. 90	7. 24	52. 02	316.0
47.65	49.46	43. 18	35. 42	43.60	15. 90	7.00	49, 13	291. 3
47.06	51.84	47.12	36. 27	48.00	15. 25	6. 24	60.86	312.6
44. 28	49.86	42, 07	32.94	44, 24	13. 15	7. 12	52. 70	286.
48. 02	54. 16	45. 77	38.33	49. 28	13. 90	7.30	60. 01	316.
48.99	58. 22	53. 33	39. 23	52, 24	16. 20	6.32	52.02	326.
48. 32	48.00	41.45	35. 03	44.08	14. 25	7.40	52. 53	291.
44.50	47.76	38.86	33. 25	41.76	14. 95	4.60	56. 27	281.
47.39	52, 72	44. 83	37. 04	48. 08	15.00	6.00	52.87	303.
45. 90	52. 36	47. 65	34. 61	45. 52	14. 50	6. 38	59.67	306.
48. 73	51. 14	43. 35	37. 10	45. 84	13.95	6. 74	53. 21	300.
42. 00	47.06	39. 86	32. 10	42. 24	14.80	6. 52	52. 70	277.
50. 71	57. 94	47. 59	36. 44	49, 44	14.60	7. 56	56. 61	320.
48. 00 50. 87	52. 04 52. 00	44. 81 45. 92	35. 09 38. 01	44. 88 50. 16	16. 90 17. 50	7. 44 7. 50	51. 17 55. 25	300. 317.
51. 96	57.60	51. 75	37. 19	51. 44	16. 40	6.72	56. 78	329.
48. 38	52.78	41. 89	38.44	49. 76	15. 25	6.06	58. 31	310.
49. 13	55, 02	46. 29	37. 12	48. 16	15. 85	6.82	56. 44	314.
46. 84	51.66	46. 54	36. 33	44. 80	13.60	7. 62	59. 16	306.
47. 98	54. 44	48. 23	37. 47	47.84	15. 45	8.00	52. 02	311.
47. 67	55. 94	51. 03	36. 92	49. 12	14. 45	7. 24	66. 13	328.
48.07	53. 20	51. 37	35. 34	44. 48	15.30	7. 62	59. 16	314.
47. 69	51. 52	42. 28	35. 30	44. 08	15. 10	6. 36	50. 15	292.
47. 41	51. 80	48. 43	35. 29	43. 36	15. 55	6. 48	60. 35	308.
48. 47	51, 66	42.91	34. 50	45. 44	14. 75	7. 00	48. 79	293.
49.86	57. 44	44. 87	39. 10	51. 12	15. 55	7. 00	64. 60	329.
51. 28	55. 64	46. 02	40. 94	48. 80	15. 45	7. 24	56. 27	321.
45. 28	49. 38	43. 33	31. 94	44. 48	14. 95	7.00	52. 19	288.
45. 65	48, 68	44. 51	35. 97	44. 96	15. 00	6. 00	52. 70	293.
48. 40	49. 22	47. 47	35. 40	44. 32	14. 75	7. 66	58. 82	306.
45, 12	50. 52	46. 57	33. 76	44. 48	14. 45	6. 74	53. 55	295.
44. 39	52. 68	43. 35	35. 15	46. 96	13. 15	6. 24	56. 95	298.
44. 83	47. 38	40. 51	33. 30	42. 96	13. 95	7. 40	57. 80	
43. 96	47. 22	40.05	31. 61	42. 32	13. 25	6.00	51, 34	275.
48. 41	48. 80	39. 89	33. 86	44. 00	15. 00	6. 44	53. 04	289.
45. 60	51. 04	41, 11	34. 86	43. 44	15. 35	6.00	62. 90	
46. 72	50. 46	42. 80	33. 17	45. 36 47. 28	14. 85	7. 12	52. 19	292.
46. 54	48. 88 48. 64	44. 31 40. 01	35. 73		14.00	6.00	55. 76 51. 68	298. 280.
44. 55 50. 00	56.48	47. 60	33. 00 39. 18	43. 68 52. 88	14. 10 15. 80	5. 12 8. 00	56. 78	326.
51. 63	57. 28	51. 52	38. 51	46. 96	17. 60	7. 00	62. 05	

						1	
Order of general				dat	e at e of ssion	in pr	ervice actice ips
merit for	Names	State from which appointed	Date of admission				
aca-		appointed	admission				
demic					20	SQ.	
year				22	dd -	th	ça
				Years	Months	Months	Days
443	McLean, Hugh Buchanan	Texas	June 16, 1920	18	6	7	4
s138	McLeod, Robert Douglas, jr	Colorado	May 27, 1920	19	2	11	16
332	McPeake, Lawrence John	Massachusetts	Aug. 10, 1920	18	6	5	19
MC492	Meints, Charles Griffith	Illinois	June 11, 1920	19	6	8	17
179	Mellon, Wilbur Lamont	Ohio	June 21, 1920	17	3	8	17
188	Mercer, Preston Virginius	Pennsylvania	May 27, 1920	. 18	7	11	16
91	Michelet, William Giers	Minnesota	June 16, 1920	17	10	8	17
255	Miller, Harold Blaine	California	June 10, 1920	17	5	. 8	17
521	Mills, Ralph Erskine	Georgia	June 16, 1920	17	6	8	17
169	Minter, Robert Octavius	Virginia	Aug. 5, 1920	18	7	8	17
125	Mitchell, William James	Tennessee	June 15, 1920	19	0	8	17
399	Montgomery, George Cannon	Alabama	June 20, 1919	19	5	8	17
480	Moore, Elliott McFarlan	New Jersey	June 15, 1920	18	3	8	6
s114	Moore, William Thomas	Alabama	June 9, 1920	17	0	8	17
*1	Morgan, Armand Malcolm	Texas	June 10, 1920	18	1	5	17
349	Morrill, John Henry	Minnesota	July 31, 1920	17	7	8	19
a383	Morrow, Samuel Howard	Louisiana	July 26, 1920	19	. 1	8	17
358	Moss, Richard Stanley	At large	Sept. 11, 1920	17	4	8	17
520	Murphy, Elbert Mason	Indiana	July 16, 1920	18	0	8	17
49	Napier, Thomas Douglas	Illinois	June 22, 1920	17	4	8	17
354	Neale, Edgar Tilghman	Oklahoma	Sept. 10, 1920	18	11	8	17
451	Nesser, Clyde Julius	Wisconsin	June 16, 1920	18	4	8	17
\$219 481	Newman, Glenn Nichol, Bromfield Bradford	Texas	June 9, 1920 June 16, 1920	18 16	0 5	8 8	17 17
SC271	Norcross, Malcolm Ambrose	do	Aug. 6, 1920	19	6	8	17
s286	Norman, Oliver LeGrand	Texas	June 16, 1920	18	0	8	17
*21	Nuesse, Louis Werner	Wisconsin	Sept. 14, 1920	18	9	8	17
382	Nunn, Ira Hudson	Arkansas	Oct. 16, 1920	19	7	11	16
183	Oden, Solomon Frederick	Georgia	June 11, 1920	16	6	8	17
314	Oexle, Charles William	New York	June 10, 1920	18	8	8	17
144	Ogle, Gerald Barker	Texas	Aug. 28, 1920	18	8	8	18
218	Opie, John Newton, 3d	Virginia	June 16, 1920	17	1	8	17
392	Ostertag, William Rogers	Pennsylvania	June 9, 1920	19	2	5	26
217	Oswald, Adolph Henry	California	June 16, 1920	20	2	8	17
340	Page, Herrmann Garretson	Idaho	July 3, 1919	17	9	8	17
71	Pahl, James Robert	Ohio	June 15, 1920	17	11	8	17
247	Palmer, Elbert Alonzo, jr	New York	Sept. 14, 1920	18	9	8	17
265	Parker, Elton Council	Georgia	June 10, 1920	17	9	8	17
SC464	Patten, William Lyman	New Hampshire	June 24, 1919	19	1	11	16 17
134	Patterson, George Warren, jr	Maryland	June 12, 1920	16 18	11 5	8 8	17
67 280	Penny, Richard Joseph Perkins, Albert Noble	Alabama	July 31, 1920 June 9, 1920	17	0	8	18
140	Perry, Roger Edison	Texas	June 22, 1920	17	0	8	17
323	Petersen, Wallis Frederick	Iowa	June 9, 1920	18	8	8	17
448	Peterson, George Edmund	Massachusetts	Aug. 4, 1920	18	4	8	17
504	Peterson, George Edward	Maine	July 27, 1920	18	3	7	18
225	Phelps, Woodward	At large	June 16, 1920	18	7	8	17
403	Phillips, Neill	Arkansas	May 28, 1920	18	7	11	4
194	Phillips, Roger Dexter	New York	July 29, 1920	19	3	8	17
79	Playter, Richard Elston	Colorado	July 30, 1920	17	0	8	17
83 91	Pottle, James Henry, jr	New York	June 9, 1920	18	11	8	17
A102	Price, Claiborne Henry	Kentucky	Sept. 21, 1920	19	1	8	17
MC40	Purple, William Charles	Pennsylvania	June 9, 1920	18	6	8	17
485	Quale, Arthur Maurice	Minnesota	June 12, 1920	19	1	8	17

525 members—for the last year of their academic course—Continued

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregate fourth year
				Maximum		'		
60	72	60	48	64	20	8	68	400
44. 37	47. 22	40. 21	33. 74	43. 12	15. 25	7. 42	57. 63	288. 96
48. 48	55. 76	42. 41	39.04	50. 32	15. 75	7. 90	59. 33	318. 99
48. 68	53, 12	42. 89	36. 62	44. 00	15. 10	6. 36	53. 21	299. 98
44. 07	48. 32	41.74	32, 29	44. 64	14. 55	4.92	53. 04	283. 57
46.88	56. 18	47. 24	37. 61	47. 68	15. 75	7. 50	55. 76	314.60
47. 86	54. 38	45. 28	38. 52	46. 16	14. 65	7.00	59. 84	313. 69
52. 65	56. 34	46, 49	39. 62	50. 08	16.85	7. 00	58. 31	327. 34
47. 60	51. 70	43. 47	36. 71	47. 92	15. 00	6. 24	58. 14	306. 78
42.80	46. 14	38. 79	31. 87	42. 88	13. 50	6. 14	48. 28	270. 40
49. 95	53. 20	43. 16	38. 73	45. 28	15. 00	7. 50	62. 90	315. 72
47. 99 45. 35	57. 00 48. 18	49. 58 39. 27	37. 42 35. 74	49. 68	14. 35 14. 85	6. 94	57. 97 57. 29	320. 93 293. 32
44. 88	47. 76	42. 91	31. 60	45. 28 44. 96	14. 05	7. 36 6. 00	53. 55	285. 71
48. 97	55. 04	48. 39	36. 51	50. 64	18. 05	8. 00	57. 46	323. 06
54. 17	62. 16	53. 62	43. 89	56. 40	16. 30	8. 00	64. 77	359. 31
46. 02	51.56	44. 77	36. 35	45. 44	15.00	7.00	52. 02	298. 16
47. 38	49.88	41. 84	35. 15	45. 44	15. 90	8. 00	51. 34	294. 93
46.87	51. 02	43. 62	34. 89	44. 00	13.95	6. 36	56. 44	297. 15
43. 63	46. 42	38. 96	31, 82	42.72	13. 80	6. 24	48. 28	271. 87
52. 69	57. 92	49. 47	40. 99	52. 24	16. 45	7. 00	58. 82	335. 58
46. 48	53. 60	46. 89	35. 58	46. 48	14. 55	7. 36	46. 75	297. 69
44. 90	50. 30	43. 89	35. 80	43. 92	14. 10	6. 62	48. 62	288. 15
48. 96	54. 04	44. 22	36. 85	46. 72	16. 85	6. 62	55. 25	309. 51
44. 07	49.80	40.88	33. 20	43. 68	14. 80	5. 94	53. 21	285. 58
48. 50	49. 76	44. 16	35. 68	46. 08	14. 95	6. 38	59. 84	305. 35
44. 84 54. 56	50. 78 59. 96	44. 85 53. 24	35. 86	43. 68	14. 55	7. 50	62. 05	304. 11
46. 22	49. 36	40. 76	41. 67 35. 23	53. 12 43. 28	16. 50 15. 40	7. 38	58. 48 57. 12	344. 91 295. 11
49. 98	54. 02	46. 27	38. 40	51.60	15. 45	6. 36	52. 19	314. 27
46. 98	51. 66	46. 16	35. 18	46. 48	14. 85	6. 12	53. 38	300. 81
48. 32	54. 34	49. 85	36. 97	47. 12	15. 20	7. 36	58. 82	317. 98
47.45	53. 04	47. 83	35. 71	46. 40	16. 30	6.00	56. 95	309. 68
44. 10	52.00	44.80	34.51	44.80	14. 15	6.00	53. 55	293, 91
48. 39	51. 58	42. 24	33.96	44. 48	17. 60	5.86	65, 61	309. 72
45. 49	49.62	42. 15	39. 04	45. 28	14. 70	6. 24	56. 61	299. 13
50.87	56. 14	49. 10	38. 64	49. 76	17.50	6.74	61. 54	330. 29
48. 39	54. 34	45. 95	36. 62	49. 52	16. 10	7.00	49. 47	307. 39
49. 71 46. 43	52. 70 51. 76	44. 81 42. 78	37. 58 33. 67	47. 92	14. 05	6. 24	53. 21	306, 22
49. 75	55. 68	46. 85	38. 17	45. 76 50. 00	14. 20 15. 30	6. 00 7. 00	45. 90 56. 95	286, 50 319. 70
51.85	56. 44	47. 57	38. 97	48. 80	14.60	7. 12	65. 96	331.31
45. 10	53. 52	43. 02	39.64	44.80	13. 70	6. 50	58.31	304. 59
46. 66	53.66	44. 32	36. 48	49. 52	16. 60	7. 00	64. 60	318. 84
46. 75	50. 54	43.36	34. 63	44.88	17. 50	7.00	55.76	300. 42
45. 15	48. 40	40.43	36. 25	45. 36	13.75	5. 00	53.89	288. 23
44. 51	47. 56	42.09	34.66	42.24	13.75	6.00	51. 34	282. 15
49.06	54. 02	44. 36	36. 25	44.00	15.85	7. 62	57.97	309. 13
45. 79	51.08	41. 99	33. 29	43. 52	17. 90	6. 94	52. 70	293. 2T
49.44	55. 32	45.46	36. 99	47.04	14.75	6. 44	57. 29	312. 73
50. 68	58. 50	50. 91	40. 64	49.84	16. 75	6. 50	54. 91	328. 73
45. 33	51. 78	41.62	34. 27	44. 32	14. 20	5. 94	56.61	294.07
49. 36	55. 34	51. 23	38, 34	51. 12	16. 15	6. 18	58. 31	326. 03
52. 20 46. 04	57. 72 49. 02	51. 63 40. 08	41. 12 32. 21	52. 80 43. 04	16. 00 14. 45	6. 00 5. 74	59. 84 54. 74	337. 31 285. 32

Order				Age		Sea se	
of general				admi	ssion	shi	
merit	Names	State from which	Date of				
for aca-	Transco	appointed	admission				
demic					95	on.	
year				rs	oth	ath	go .
				Years	Months	Months	Days
		·					
275	Quinn, Bertrand Dominic	Massachusetts	June 29, 1920	16	11	8	17
264	Ragan, Thomas Cameron	Virginia	July 30, 1920	16	6	8	17
189	Ramsey, Donald James	New York	June 14, 1920	17	5	8	17
455	Randolph, Andrew Kennedy	Texas	Aug. 19, 1920	17	0	8	17
SC263	Randolph, Alfred Pace	Virginia	June 15, 1920	19	4	5	26
8484	Rasbach, Joris Bliss	New York	June 14, 1920	18	11	8	17
39 399	Rawlins, Edward White	West Virginia At large	Oct. 2, 1920	18	0 2	5 8	19 17
*4	Reese, Claude Burton	Indiana	June 16, 1920 June 14, 1919	18	10	10	17
261	Reith, George, jr	New York	June 15, 1920	17	1	8	17
MC69	Replinger, Charles Francis	Illinois	June 9, 1920	18	2	8	17
MC192	Rhamstine, John Rufus	Pennsylvania	July 8, 1920	18	10	8	17
513	Rhea, Fitzhugh Lee	At large	July 23, 1920	17	2	8	17
54	Rice, Lester Kimme	Wyoming	Oct. 12, 1920	19	5	8	17
*10	Richards, William Lester	Maryland	June 12, 1920	18	7	8	17
341 168	Richter, Henry Edward	At large Nebraska	Nov. 14, 1921 June 11, 1920	21 17	1 10	8 8	18
s254	Riggs, Paul Hughes	Oregon	Aug. 9, 1920	18	7	8	17
388	Ritchie, Thomas Calvin	Arkansas	June 12, 1920	19	4	8	17
165	Roane, Virginius Randolph	Virginia	Sept. 21, 1920	18	0	8	17
150	Roberts, Norman Kaye	New Jersey	June 9, 1920	17	7	8	18
61	Robillard, George Nelson	New York	Aug. 14, 1920	18	5	8	17
401	Robinson, Hunter Richey	Pennsylvania	June 21, 1920	17	10	8	17
8161	Rode, Herman Carl, jr	Washington		17	7	8 8	17
384 53	Roedel, Louis Rook, Eugene Clark	Washington		19 18	3	8	17
431	Rooney, John Bartholomew	Rhode Island		18	0	8	17
*25	Rose, Rufus Edwards, jr	Florida		16	11	8	17
220	Roths, Milton Holmes	Tennessee		18	6	. 8	18
205	Rucker, Colby Guequierre	Louisiana		17	0	8	- 6
s246	Ruffolo, Louis Joseph	Wisconsin		20	0	8	17
130	Ruhsenberger, John Roger	IndianaIowa		19 19	6 9	8 8	17
509 258	Rutt, Burnice LincolnSall, Herman	Michigan	_	19	5	8	17
\$293	Sanders, Samuel, jr			19	8	8	17
292	Sanford, John Richard, jr			17	4	8	17
*15	Sawyer, Merle Alexander	Vermont	June 9, 1920	17	8	8	18
306	Sayre, Robert Eugene			18	4	8	7
\$251	Sayres, Clinton		i .	18	3	8	17
*28 u436	Scheibeler, John Jacob Schenck, Charles Alexander, jr			18 20	9 2	8	17
235	Schreiner, Max			19	11	7	14
s497	Scott, Winfield Wayne			17	11	8	17
449	Seaward, Eugene Trefethen	Maine	Aug. 23, 1920	16	8	8	17
307	Seay, Erskine Austin		June 10, 1920	19	8	8	18
MC493	Sessions, Frank Edward, jr			18	6	8	17
437	Shanklin, Elliott West			17	2	7	18
92	Shannon, John Travis			17 18	10	8	17 8
233 272	Sharp, Louis Dent, jr			18	9	5	19
s190	Shepherd, Charles Edward			17	8	8	17
MC223	Shiebler, Prentice Albion			18	9	8	17
502	Shively, Joshua Coleman			17	2	8	18
117	Short, Wallace Broughton			17	4	8	17
195	Shultz, Theodore Joseph	Pennsylvania	Sept. 3, 1920	18	1 5	7	18

525 members—for the last year of their academic course—Continued

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregate fourth year
			1	Maximum				
60	72	60	48	64	20	8	68	. 400
49.93	54. 28	43. 69	38.05	46. 48	16. 10	7. 00	49. 47	305. 00
46. 90	54.96	45. 31	36. 23	50.48	15. 00	6. 24	61, 20	306.32
50. 09	53. 06	42.81	37.32	47. 68	15. 50	7. 50	59. 67	313.63
46. 08	47. 78	39. 37	34. 41	44. 48	13. 30	7.00	55. 42	287. 84
47. 10	53.74	45.78	35. 51	46.00	14.80	7. 32	56. 10	306.35
45. 71 51. 26	47. 72 58. 84	41. 69 49. 92	32. 65 39. 21	44. 32 52. 80	15. 45 16. 40	7. 50 6. 98	50. 32 62. 22	285. 36 337. 63
46. 04	50.00	45. 24	36. 11	43. 76	14. 15	6, 00	52. 02	293. 32
52. 45	62. 10	53. 11	42. 52	56.96	16.45	6. 72	67.49	357.80
47. 34	53. 94	41.44	37. 05	49. 04	15. 75	7. 50	54.40	306.46
49. 22	58. 74	51. 73	38. 28	52. 72	15.40	6.62	58. 31	331. 02
49.89	56. 02	46, 21	38. 53	48.08	15.05	6.12	53. 04	312, 94
45. 22	49. 54	38. 53	33. 59	41.92	14.65	7.68	46.58	277.71
51. 43	55. 64	51. 22	40.30	51. 36	15. 30	7. 50	61.71	334. 46
52.80	61.36	51. 56	42, 22	55. 52	17.35	7.74	64.60	353. 15
47. 48	51. 12	42. 58	36. 21	43.68	15.95	7.74	54. 23	298.99
49. 45	54. 78	50. 71	35, 72	47.84	16.00	6. 18	55. 08	315.76
48. 32	53.82	51.06	38. 56	48.72	16.30	6. 24	43.86	306.88
45. 04	48. 12	42, 98	33. 01	45.60 50.24	15. 10	7.24	57. 46	294. 55
48. 96 49. 76	54. 98 57. 46	44. 63 46. 83	40. 39 37. 00	48. 40	14. 35 17. 15	6. 74 7. 50	55. 59 53. 21	315, 88
51. 82	56, 62	47. 00	40. 43	50. 48	16. 50	8.00	62. 05	317. 31 332. 90
45. 07	50. 14	43. 94	36. 44	42, 40	17. 75	7. 24	50. 32	293. 30
47. 63	56, 26	46.88	36. 83	48.40	17. 25	7. 00	55. 93	316. 18
46. 03	49. 26	43. 24	34. 97	44, 40	15.40	6. 36	55. 25	294. 91
50. 37	56.82	51.91	41. 45	53. 04	15.85	6. 50	58, 65	334. 59
45. 21	48. 98	43. 44	34. 47	42. 88	14. 25	7. 20	53. 72	290. 15
55. 16	56. 98	53. 01	41, 19	52, 56	17. 10	6.00	61.71	343. 71
48. 22	55. 20	47. 16	37. 17	48. 00	14. 80	6. 44	52. 36	309. 35
47. 32	51.00	43. 90	36. 65	45, 92	15. 50	7, 74	62. 90	310. 93
51. 32	55. 60	45. 63	39, 93	45.84	16. 70	7. 50	44.88	307. 40
52. 76	56. 40	48. 26	38. 59	48.72	15. 00	6. 88	53. 72	320. 33
43. 53 49. 18	47. 54	41. 51	33, 29	43. 04	14.05	6. 24	49. 98	279. 18
46.87	49. 50 51. 08	46, 55 42, 81	35. 88 35. 23	44. 32 46. 00	15, 40 14, 70	7. 12 7. 50	58. 65 59. 33	306, 60 303, 52
46. 13	52. 04	42. 33	36. 77	45, 92	15. 30	7. 94	57. 29	303. 72
51. 29	59. 42	52. 07	41. 82	53. 36	15.85	7. 24	67. 49	348. 54
47.78	52, 24	42. 23	36. 11	44. 88	14. 85	7. 94	55. 42	301. 45
46. 22	51.00	45, 71	34. 72	48. 24	15.40	7. 50	58.31	307. 10
52. 48	61. 20	51.39	41.92	52. 96	17. 05	6.74	58. 14	341.88
45. 19	49. 2 6	42. 93	34. 22	45, 68	14.40	6. 50	51. 34	289. 52
48. 45	50. 78	45, 56	36. 51	46.08	15, 40	7, 56	57.80	308. 14
43. 48	48. 02	40.13	34, 40	43. 12	13. 75	7.00	53. 38	283. 28
46, 10	48. 18	41. 35	31. 10	43. 20	16. 20	7.00	55, 08	288, 21
46. 53 43. 89	47. 90 51. 96	40, 47	33. 80	44. 96	14. 50	7. 24	65. 96	301. 36
45. 89	51. 26 49. 90	40. 74 43. 89	32. 60	43. 36	13.65	7.06	51.00	283. 56
51.98	57. 08	49. 16	34. 71 40. 71	43. 28 49. 36	14. 45 15. 90	7. 00 7. 24	51. 17 55. 76	289, 48 327, 19
45. 99	52. 74	45. 13	36. 35	49. 36	15. 00	7. 90	58. 99	308.42
48. 68	51.84	44. 55	38. 28	46. 72	15. 20	6.72	53. 21	305. 20
47.98	53. 14	47, 55	36. 61	51. 52	16. 10	7. 24	53. 04	313. 18
46. 72	55. 60	48. 54	37. 28	51. 84	13. 00	7.74	48. 45	309. 17
42.69	46. 16	40. 17	31. 36	41.60	13. 70	7.06	59. 84	282. 58
48.65	55, 88	50.83	39. 23	51. 44	15.85	7. 50	53, 38	322. 76
47. 37	57. 56	45, 89	38.68	47. 60	14. 50	7.00	54. 06	312.66

-			1				
Order of				dat	e at e of ission	in pr	ervice actice ips
general merit for	Names	State from which appointed	Date of admission				
aca- demic year		1			hs	hs	
-				Years	Months	Months	Days
8335	Shumaker, Cresswell Sutton		Sept. 2, 1920	16	8	5	19
242	Siegrist, Paul Werner		June 11, 1920	20	1	8	17
269	Siegrist, Walter William		June 10, 1920	17	8	8	17
8424	Simmonds, Norman Blakesley		June 19, 1920	17	6	8	17
86 u475	Simmons, William Franklin Simonton, Richard Metcalf		June 9, 1920 Aug. 12, 1920	19 18	1 6	8	17 17
176	Sinclair, George Angus		June 28, 1920	19	2	8	17
210	Sincian, George Linguis-	lumbia.	5 dire 20, 1020	10		0	11
s128	Singer, Samuel Jacob		June 15, 1920	18	7	8	17
60	Sisson, Thomas Upton, jr			16	4	8	17
273	Smith, Harold Page	Alabama	June 29, 1920	16	4	8	17
31	Smith, James Walter		do	18	. 7	8	17
MC77	Smith, Perry Kenneth		July 6, 1920	19	7	8	17
508	Southerland, Thomas Chapman		0 /	19	5	8	18
304	Southworth, Harrison Belknap		July 27, 1920	19	6	8	17
363	Spahn, John Edward		June 1, 1920	19	5	11	16
\$178 MC334	Speer, Joseph Gordon Steenberg, Gerald Huntington		Aug. 7, 1920 June 18, 1920	16 17	8	8	17 17
93	Stephens, Emory Wyse		June 11, 1920	18	10	8	17
MC472	Stevens, Henry Putnam, jr		1	18	4	8	17
158	Stoddard, Gordon Millard		July 30, 1920	20	2	8	17
209	Stone, William Percy.		Aug. 3, 1920	17	11	8	18
376	Stormes, Max Clifford		June 15, 1920	16	11	8	17
193	Stott, George Winfield	Oregon	Aug. 21, 1920	19	1	8	17
90	Stout, Richard Farnam	New Jersey	June 15, 1920	17	9	8	18
87	Strohecker, Franklin Augustus	Oregon	Aug. 20, 1920	17	1	6	29
385	Stuart, Charles Joseph	Virginia	June 16, 1920	19	2	8	17
MC429	Stuart, Walter James	New Jersey	July 20, 1920	20	0	8	17
270 209 1	Sullivan, James Eugene Sutliff, Robert Calvin	New Hampshire Wisconsin	June 9, 1920 June 10, 1920	20 18	2	8 8	17 18
146	Swart, Robert Lee, jr	Pennsylvania	June 15, 1920	18	7	8	17
378	Sweeney, John Malcolm	New York	June 9, 1920	17	9	8	17
367	Sylvester, Harold MacTavish	Louisiana	June 11, 1920	16	9	8	17
88	Tammany, William Penuel	Delaware	July 9, 1920	17	11	8	18
2961	Taylor, Edwin James, jr	North Dakota	Oct. 5, 1920	19	6	11	16
318	Taylor, Joseph Irwin, jr	Pennsylvania	June 16, 1920	17	10	8	5
236	Teller, Myron Steadman	New York	June 15, 1920	16	10	8	17
370	Temple, Harry Brigham	Illinois	June 10, 1920	19	2	8	17
159	Templeton, Thomas Harry	Pennsylvania	July 2, 1919	19	10	11	16
187 315	Thew, Joseph Phillip Thomas, Lloyd Howden	Michigan Vermont	June 12, 1920 June 16, 1920	17 19	5	8 8	17 17
287	Thompson, Arthur Lee	Ohio	June 15, 1920	17	0	8	17
228	Thompson, William Bristol		do	16	11	8	17
202	Tichenor, Murray Jones	New Jersey		17	6	8	17
141	Tiemroth, Harold Herman	California	June 9, 1920	18	8	8	18
282	Tonkin, Charles Trythall, jr	Arizona	July 8, 1920	18	6	8	17
419	Topper, James Russell	Virginia	June 19, 1919	20	0	11	16
36	Towner, George Crosby	Montana	Aug 10, 1920	19	5	8	17
. 428	Townsend, Arthur Marion	Michigan	July 6, 1920	18	6	8	17
63	Tracy, Osgood Vose	New York	June 25, 1920	17	8	8	6
112 279	Turner, Thomas Alexander jr	Mississippi	June 12, 1920 June 11, 1920	17 19	2 4	8 8	17 17
108	Verge, William Ernest Vieweg, Walter Victor Rudolph	Massachusetts New York	June 17, 1920 June 17, 1920	17	9	7	28
166	Vos, Robert Adrian	Michigan	June 12, 1920	18	4	8	18
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525 members—for the last year of their academic course—Continued

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregate fourth year
			1	Maximum				
60	72	60	48	64	20	8	68	400
47. 15	52. 08	43. 11	35. 49	44. 96	15. 70	8. 00	53, 21	299. 70
47. 50	54. 66	44. 24	36. 36	49.04	15. 45	5. 44	55, 08	307. 77
47. 32	54. 44	45. 36	37. 15	48. 48	15. 10	6. 50	51, 51	305. 86
42. 11 50. 77	47. 22 57. 52	45. 18 47. 47	33. 94	43. 84	12. 95 15. 45	7. 62	57. 80	290. 66
45, 29	50. 24	42. 94	40. 66 34. 04	50. 16 42. 96	13. 85	6. 50 7. 12	59. 50 49. 64	328. 03 286. 08
50. 40	51. 82	45. 80	38. 97	48. 80	15. 75	7. 24	56. 27	315. 05
1		10.00	00.01	10.00	101.10		00.21	310.00
52. 07	57. 30	50.84	36. 97	47. 84	17. 65	6. 44	51. 68	320. 79
50. 67	57. 24	49.00	42.70	55. 36	17. 10	7. 50	53, 38	332.95
46. 51	49. 72	46. 24	32.37	44. 32	15.00	7. 12	63. 75	305. 03
. 51.19	59. 96	52. 08	41. 24	54. 48	17. 20	7. 62	55, 42	339. 19
49. 84	60. 06	50. 24	40. 23	52. 40	15. 80	8. 00	53. 04	329. 61
42. 48	48, 40	40. 25	34. 27	44. 96	12. 20	6. 50	51. 00	280. 06
48.38	50. 18	41. 41	37. 70	45. 76	15. 65	7. 50	55. 25	301. 83
45. 77	48. 92	44. 11	34. 93	45. 76	14. 95	7. 68	54. 40	296. 52
46. 27 46. 43	57. 22 51. 78	46. 47 42. 81	42. 36 37. 46	50. 96 48. 72	14. 70 14. 30	5. 12	51, 51	314. 61
52. 31	56, 68	46. 34	39. 00	52. 16	14. 50	6. 74 6. 00	51. 51 59. 84	299. 75
43. 63	46. 62	39. 00	33. 08	42. 96	14. 40	6. 24	60. 35	327. 03 286. 28
49. 11	55. 44	48. 15	36. 46	49. 76	14. 10	6. 50	56. 78	316, 30
46, 60	52, 42	47. 53	36. 58	47. 12	14. 00	7. 74	58. 48	310. 47
46. 19	50. 16	43. 50	35. 10	44. 40	13. 65	6. 62	55. 76	295. 38
46. 34	53.10	46, 72	38. 72	47. 36	13. 55	7. 12	60. 01	312, 92
48. 93	58.80	48. 81	39, 88	49. 36	15. 30	7. 50	58.82	327. 40
47. 70	57. 48	51. 54	36, 82	54. 32	14. 15	7. 00	58. 82	327.83
47. 52	49. 68	44.00	35, 62	44. 96	13. 50	6. 50	53. 04	294, 82
46, 56	49. 26	40. 77	34. 62	42, 64	15. 50	6. 82	54.06	290. 23
47. 88	49. 76	42. 41	36, 46	47. 28	14. 60	6. 68	60. 69	305. 76
48.10	53. 20	46.00	40. 20	47. 36	16.05	7. 24	52. 19	310. 34
48. 05 47. 70	55. 98 52. 22	46. 88	39. 53	51. 28	15. 10	7. 50	53. 55	317. 87
46. 93	48. 92	42. 87 43. 68	35. 91 34. 14	44. 56 48. 24	15. 15 14. 20	6. 74 7. 00	50. 15	295. 30
52. 88	57. 32	46. 69	41. 15	47. 12	17. 65	7. 12	53. 21	296, 32
47. 27	50. 26	43. 37	34. 93	46. 40	16. 40	8. 00	56. 44	327. 73 303. 07
48. 16	51. 12	44. 27	37. 17	46. 88	15. 40	6. 62	51. 00	300. 62
47. 91	52.10	44. 38	35. 24	49. 36	14. 10	6. 32	58. 65	308. 06
47. 59	48. 28	43. 23	34, 79	45. 68	16. 05	7. 50	52. 70	295, 82
48. 87	52.84	41. 27	40. 56	52. 08	16. 60	6. 74	57. 29	316. 25
49. 80	54. 72	44. 11	39. 68	49. 92	14. 90	7. 94	52. 70	313.77
46. 50	52. 58	42. 22	33. 74	44. 80	15. 25	7. 00	58. 65	300. 74
48. 25	53, 90	44. 77	37. 31	46. 96	15. 15	7. 44	50. 32	304, 10
48. 41	53. 38	45. 01	37. 10	47. 20	15. 45	6. 50	55. 93	308.98
47. 50 48. 90	57. 74 53. 70	48. 67 43. 71	33. 76	46, 40	14. 40	6.00	57. 46	311. 93
48. 02	52. 64	43.71	39. 21 36. 21	50. 48 45. 36	16. 30 13. 90	7. 74	58. 65	318. 69
45. 24	48. 54	42. 20	35. 71	42. 16	14. 90	5. 56 5. 94	58. 31 56. 44	304. 40 291. 13
51. 58	58. 50	47. 26	41. 01	52.40	15. 90	8. 00	64. 26	338. 91
45. 54	47. 32	39. 13	34. 96	46. 56	14. 60	5. 50	56. 78	290. 39
52.96	56. 86	48. 46	39. 32	49.04	16.00	8.00	61. 20	331.84
46.31	54. 44	49. 62	37. 63	52. 88	14. 60	6. 24	61. 71	323. 43
48. 29	53. 30	43. 53	33. 50	45. 76	15. 15	6. 62	58.48	304.63
49.84	54.74	46. 11	37, 69	51. 12	14.65	7. 50	63. 07	324.74
49. 73	54. 76	47. 48	38. 86	50.48	15. 35	6.82	52. 36	315. 82

Order of general merit for aca-	Names	State from which appointed	Date of admission	Age date admis	e of	Sea se in pra shi	ctice
demic year				Years	Months	Months	Days
				- X	Ξ	_ Z	A
121	Vosseller, Aurelius Bartlett	Illinois	June 12, 1920	17	5	8	17
*24	Waid, Robert Teese	California	June 11, 1920	16	7	8	17
a 462	Walbridge, Vern	Pennsylvania	Sept. 20, 1920	18	4	8	18
479	Waldron, John Charles	South Dakota	June 16, 1920	19	10	8	17
$s \ 325$	Walker, Donald Seymour	New Jersey	do	18	7	7	14
* s 13	Waller, George Washington	Maryland	Aug 17, 1920	18	11	8	17
	Doane, jr.						1
458	Waller, Raymond Randolph	Tennessee	July 8, 1920	19	9	8	17
s 240	Walsh, Albert Joseph	Massachusetts	June 11, 1920	17	9	8	18
305	Warburton, Audley Lyne	Wisconsin	Oct 1, 1920	20	1	11	16
417 374	Warren John Thompson	Tennessee Pennsylvania	,	18 18	9 5	8	17
316	Weaver, Paul Leicester Ford	Virginia	June 11, 1920	18	0	8 8	17 17
230	Webb, Richard Christopher, jr	Connecticut		17	7	8	17
329	Weeden, William Wager, jr	Rhode Island	June 9, 1920	18	11	8	17
294	Weir, Alan	Delaware	July 9, 1920	17	9	8	17
s 191	Welsh, D. Emmett	Michigan	June 9, 1920	19	11	8	17
100	Wheeler, Homer Boozer	South Carolina	,	20	0	8	17
145	Whitehead, Edmund Winston	Virginia		18	1	8	17
316	Wight, David Dean	Iowa	do	19	6	8	6
207	Wilkin, Warren Dudley	Ohio	June 15, 1920	20	0	8	17
*17	Wilkins, Charles Warren	New Jersey	do	17	10	8	17
156	Wilkinson, Edwin Richard	Florida		17	9	8	17
s450	Williams, Artie Leon, jr	Texas		18	3	8	18
301	Williams, Jack Bankhead			19	0	8	17
284	Williams, Roy Dean			17	9	8	17
457	Williams, Stanley Arthur			18	2	8	17
MC249 \$312	Wilson Hel Voy		1	19	5	8	6
. 33	Wilson, Hal Kay Wilson, Ralph Ensign		1	19 18	4	8 8	17 17
411	Winecoff, Clarence Lindsay			17	7	8	8
481	Winslow, Cameron McRae, jr			18	11	10	15
421	Witmer, Edgar Lewis			18	8	8	17
152	Wolowsky, Joseph Edward		1	17	7	8	17
491	Wood, Arthur Crosby			19	2	8	17
*7	Wood, Chester Clark	Maryland	June 9, 1920	16	11	8	17
426	Woodward, Joseph Janvier	At large	June 16, 1920	19	6	8	17
*26	Woodyard, Edward Lender	Texas		17	5	8	18
453	Worthington, Joseph Muse			18	3	8	17
115	Wright Joseph Martin Pickett			17	1	8	17
SC471	Wymond, John Ellsworth			18	10	8	17
47	Yeomans, Elmer Eugene			18	1	8	17
137	Young, Edward Watson			18	3	8	7
311 464	Young, Rufus Calhoun, jr			20 17	6	8 8	17 17
404	Zelenka, Bernard Thomas	Louisiana	June 10, 1920	17	0		17

525 members—for the last year of their academic course—Continued

Seaman- ship	Ord- nance	Naviga- tion	Marine engineer- ing and naval construc- tion	Electrical engineer- ing and physics	English	Hygiene	Aptitude for service	Aggregate fourth year
			2	Maximum				
60	72	60	48	64	20	8	68	400
48. 57	55. 26	42. 87	38. 74	48. 56	16. 50	7. 50	63. 75	321. 7
52. 61	60.00	53. 73	40.99	49.60	17. 15	7. 56	62. 22	343. 8
43.60	50.44	43. 33	33. 53	45. 68	14. 15	6.00	49. 81	286. 5
44.00	47. 34	39. 26	33. 56	43. 84	16. 90	7. 00	53. 89	285. 7
49. 27	52. 42	43.85	34. 33	44. 32	15. 75	6. 72	53. 72	300. 3
51. 16	61. 96	53. 19	44. 26	56. 24	17. 05	6. 24	59. 84	349. 9
42. 13	48. 24	40. 67	33. 86	48. 16	13. 85	7. 00	53. 21	287. 1
46. 79	53. 34	48. 25	36. 50	48. 24	13. 75	6. 24	54. 74	307. 8
50. 18	51. 54	40. 63	35. 96	45. 28	16. 70	6. 88	54. 57	301. 7
44. 20	50.80	41.62	32. 66	43. 52	14. 15	7.06	57. 29	291. 3
45. 25	51.82	45. 08	34. 67	43. 84	14. 55	6.00	54. 40	295. 6
49. 20	53. 08	47.82	35. 92	44. 16	15. 20	5. 68	49. 64	300. 7
46. 96	53. 14	41.70	38.41	49.68	14.45	6. 12	58. 31	308. 7
46. 36	54. 80	44. 98	35. 41	44.72	15.30	6.00	62. 56	300. 1
48. 99	53.00	48. 09	36. 24	46. 64	15. 60	7. 50	47. 26	303. 3
48. 43	53. 84	46. 25	38. 23	47. 84	16.80	6. 68	54. 91	312.9
51. 13	57. 20	49.73	37, 26	49.60	16.50	7.74	57. 12	326, 2
48. 70	53. 16	48. 20	35. 91	49. 28	16.75	7. 74	58. 14	317.8
46. 38	53. 64	44. 89	35. 12	44.64	15. 90	6. 24	53.89	300.7
49. 94	54. 72	43. 77	35. 38	46. 40	16. 25	6. 88	57. 46	310. 8
53. 40	59. 40	52. 25	42. 36	53. 04	17. 05	. 8.00	62. 56	348. 0
51. 39	57. 82	49.08	37.86	49. 28	16. 55	7. 40	47. 26	316. 6
43. 88	48. 34	40. 59	36. 28	43. 84	14.00	7. 36	53. 89	288. 1
50. 34	49. 98	41. 91	37. 74	48. 80	16. 80	6. 74	49.81	302. 1
49. 67	51. 96	49. 70	35. 97	49. 04	14. 70	6.00	47. 26	304, 3
44. 51	50. 66	42.83	35. 64	44. 48	14. 85	6.72	47. 60	287. 2
45. 93	51. 98	45, 59	34. 50	46. 80	13. 85	7. 50	61.03	307.
50.00	53. 24	45. 17	37.04	46. 56	15. 70	7. 06	46. 24	301. (
53, 13	58. 16	51. 02	40.53	52.48	16. 40	7. 24	60. 18	339.
46. 27	50. 62	40. 46	34. 35	44. 32	15. 95	7. 24	52. 70	291. 9
46. 31	51. 26	41. 21	32.48	43. 28	14. 85	6.38	49. 81	285. 8
46. 51	49. 04	45. 37	32. 54	44. 72	13. 25	6. 50	53. 04	290.
47. 39	55. 00	48. 41	37.08	49. 44	14. 90	6. 12	58. 82	317.
44. 28	49. 10	44. 41	34. 16	42. 56	13. 10	6. 50	49. 64	283.
53. 14	61. 20	53. 80	43. 88	55. 04	17. 80	7. 62	63. 41	355.
47. 55	47. 80	40, 90	33.84	45. 28	14.70	6. 72	. 53. 72	290.
52. 72	59. 36	52. 39	39. 90	51. 12	16.45	7. 98	62, 73	342.
43. 14	48. 72	41. 29	32, 17	42. 80	14. 30	6. 32	59. 33	288. 0
49.39	59. 32	48. 34	40. 20	49. 84	16. 30	6.00	53. 55	322.
46. 25	49. 84	42. 11	33. 76	42. 80	14.85	6. 88	49. 81	286.
50. 97	58. 96	49. 89	41.05	50. 32	15. 25	7. 24	62. 22	335.
50. 10	55. 46	46. 89	39. 84	48. 96	15. 65	7. 74	54. 40	319.
46. 42	53. 80	44. 39	34. 79	49. 68	13. 70	7. 62	50. 66	301.
43. 36	49. 54	40. 87	35, 15	44. 88	12, 80	6, 86	53. 04	286. 5

Merit roll of the midshipmen of the present first class (class of 1925)

	:		7	,			
Order of general merit for	Names	State from which appointed	Date of admission	at da	ge ate of ission	in pr	ervice actice ips
aca-					1		
demic year				Years	Months	Months	Days
020							
370	Abercrombie, Milo Bolling, jr			17	5	8	13
33	Adams, Robert Lee			19	5	8	13
351 448	Agnew, William Walter, jr	Illinois	1	17 18	7 5	8 8	13
209	Allen, Robert Neil	Kentucky		17	1	8	13
379	Allen, Rufus Forrest	Georgia		18	11	8	13
115	Allgood, Dwight Maurice	North Carolina		17	6	8	13
*11	Anderson, Charles Harper, jr	Texas		16	4	8	13
431	Austin, Clanton Earl	Connecticut		20	1	8	13
299	Bacon, Barton Elijah, jr.	Tennessee		19	8	8	13
340	Badger, Ashby Jenkins	Utah	do	17	7	8	13
374	Bailey, Max Harrison	Pennsylvania	June 28, 1921	19	10	8	13
51	Bains, George Washington	Alabama	do	18	2	8	13
m291	Banks, James Oliver, jr	At large		21	3	8	13
165	Barnhart, Fred Carl	Indiana		19	5	8	13
231	Bataga, Emilio Molina	P. I		19	3	8	13
118	Beard, Donald Charles	Michigan		16	11	8	13
328	Beck, Edward Louis	New York		18	9	8	13
405	Beecher, William Gordon, jr	Maryland	June 22, 1921	17	5	8	13
69 288	Beers, William Henry, jr	Hawaii Rhode Island		18	7	8	13
124	Behan, Austin Carty Bell, Harman Brown, jr	Pennsylvania	June 24, 1921	18	4	7	13
*6	Benson, William Howard	West Virginia		19	5	8	13
309	Benson, William Lewis	New York	July 9, 1921	19	0	8	13
435	Benz, Alfred Jacob	Kansas	1	19	7	8	13
423	Biggs, George Prettyman	Missouri		18	7	8	13
135	Billing, Fred Chester	New York	June 23, 1921	18	6	8	13
297	Blackwell, Cecil Llewellyn	Virginia	June 25, 1921	18	10	8	13
m131	Blakeslee, Horace William	At large	Oct. 31, 1921	18	8	8	13
178	Blanchard, John Dean	Wisconsin	June 28, 1921	19	11	8	13
y239	Blanche, John Goodman, jr	Louisiana	Aug. 20, 1920	18	1	11	11
82	Blue, John Stuart	South Carolina	June 9, 1920	17	9	8	20
94	Bond, Charles Alonzo	Pennsylvania		17	3	8	13
337	Brant, Edwin Van	do	June 14, 1920	19	4	11	0
156	Brash, Frederick Charles Clinton	Mississippi	July 8, 1921	17	8 9	8 8	13
80 234	Brennan, John Weston	Missouri		17 17	0	8	13
195	Brian, Henry Thomas	Pennsylvania	June 23, 1921	16	11	8	13
144	Brink, Francis Harry	Montana		20	2	8	13
182	Broadbent, John Howard	Pennsylvania		17	1	8	13
191	Broadley, Charles Vincent	Massachusetts.		19	0	8	13
332	Brown, John Brewer	Maryland	1	18	7	8	13
$250\frac{1}{2}$	Brown, John Gerald	Minnesota	June 25, 1921	17	5	8	13
42	Brown, Thomas Markham	Ohio	June 28, 1921	16	4	8	13
107	Buerkle, Elmer Charles	California	June 22, 1921	19	3	8	4
277	Burhans, Charles Hobart	Minnesota	June 23, 1921	17	11	8	13
*3	Burkhead, Lingurn Hinde	New Mexico	June 27, 1921	17	4	8	13
37	Burling, Donald Oscar	Illinois	July 29, 1920	19	8	11	11
271	Burrowes, Thomas, jr	New York	June 25, 1921	16	8	8	13
339	Burton, John David, jr	Georgia	July 8, 1921	18	11	8	13 13
194 222	Bush, Donald Aubrey	Missouri	Aug. 16, 1921 June 25, 1921	18 19	6	7	9
223	Caldwell, Rex Smith Carrington, James Herbert			19	0	8	13
199	Carson, Joseph Malcolm			19	0	8	20
200	The state of the s				- 1		1

for the third year of their academic course-470 members-June, 1924

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggregate third year
	,		I	Maximum	, , ,		1	
16	16	40	64	³ 6	48	32	48	300
11. 36	11.00	28. 92	45. 52	23.94	33. 48	21. 12	39. 60	214. 94
13. 40	13. 40	33. 30	56. 24	28. 98	40.38	25, 84	42.60	254. 14
11. 96	11.64	28. 26	43. 12	23. 94	31. 56	24.60	41.40	216.48
11. 56	11. 52	26. 56	44. 56	22.50	32. 16	21. 04 26. 44	36. 48	206. 38
13. 04 10. 96	12. 16 12. 04	29. 72 27. 66	47. 04 45. 60	24. 57 23. 49	34, 68 33, 42	20. 44	40. 56 38. 88	228. 21 214. 33
12.84	12. 60	31. 56	51.44	28. 53	36. 42	25. 36	39. 36	238. 11
14. 12	13. 48	37. 28	57. 04	31. 86	40.38	28, 60	42, 24	265. 00
11.36	11.48	27. 62	43. 60	23. 40	33. 00	20. 68	37. 68	208. 82
12. 20	11. 24	29. 18	45. 28	23. 22	32. 94	25. 12	41.88	221.06
12. 20	12.44	29. 18	44.00	22. 68	33. 36	23.48	40. 32	217.66
11.00	12.04	28. 34	43. 44	23. 76	33. 60	21. 24	41.16	214. 58
12. 72	12. 32	34.82	56. 72	28. 08	43. 20	20, 92	41. 28	250.06
12.48	11.84	29. 82	45. 76	24. 39	35. 64	21.40	40. 32	221. 65
11.64	11.48	29. 28	53. 92 45. 12	28. 53	38.88	22. 96	36. 36	233. 05
11. 28 12. 84	12.36 12.20	27. 98 33. 20	51. 20	26. 46 29. 25	34. 32 38. 16	29. 68 20. 84	38. 88 40. 08	226.08
11. 16	12. 48	27. 72	45. 36	24. 03	33. 90	24. 88	39, 24	237. 77 218. 77
12, 40	11.68	27. 66	41.84	23. 67	32. 16	21. 16	40. 80	211. 37
14. 96	12. 76	31. 62	52.00	27. 81	35. 76	27. 36	42.48	244. 75
11.20	11.44	29. 78	47.04	27.45	34. 02	21. 28	39, 72	221. 93
13. 24	11.96	30. 32	50. 16	25. 47	37.68	25. 36	42. 60	236. 79
14. 32	13. 80	38.16	60. 64	34. 83	44.82	24.08	40.08	270. 73
12.60	11. 92	26. 90	46.00	24. 21	32. 52	23.64	42.48	220.27
11.04	11.20	26. 82	42.64	23. 85	32. 52	21. 16	39.00	208. 23
11.00	12.04	28. 10	42. 56	24. 12	31. 68	21. 16	39.00	209. 66
11. 92 12. 28	12. 44 12. 48	30. 94 28. 88	49.04	26. 91	36. 12	24. 48	44, 16	236. 01
13. 40	11. 56	30. 76	46. 08 51. 12	26. 28 24. 39	32. 64 36. 60	22. 04 28. 04	40. 56 40. 44	221. 24 236. 31
12.60	12. 44	30. 12	48. 24	25. 11	35. 10	26. 60	41. 04	231. 25
14. 36	12. 16	32. 24	46. 80	25. 11	33. 72	21. 92	38. 88	225, 19
13.00	13.80	33. 08	52.40	28. 53	37.98	22. 08	40. 68	241.55
12. 52	12. 64	32.66	50.96	27.63	37. 80	24. 28	41. 52	240.01
12. 52	11.08	26. 60	46.88	23.04	33.48	20.48	43. 92	218.00
12. 56	11.64	30. 90	51. 28	26.01	36. 54	22.92	41.64	233. 49
12.96	13. 24	33. 60	50. 56	26. 19	40. 02	23.40	41.76	241.73
13. 08 13. 04	11.76 13.00	30. 68	47.60	24, 66	35. 88	24. 44	37. 80	225, 90
13. 32	13.00	30. 16	49. 20 51. 44	25. 11 26. 64	33. 24 36. 18	23. 52 23. 36	42, 24 41, 28	229. 51 235. 06
13. 00	12. 32	30. 36	48. 96	25. 56	37. 02	24. 52	38. 88	230. 62
12. 88	13. 08	28. 62	49. 12	27. 18	36. 30	23. 64	39.00	229. 82
11.44	11. 92	27. 42	44.64	23. 94	34. 02	23. 36	41.76	218. 50
13. 16	12.08	26. 78	46, 96	23. 76	33.06	30.00	38. 40	224, 20
13.16	14.36	34. 78	52. 24	28. 44	40. 38	25.80	42.00	251. 16
12. 88	12. 72	32. 40	50. 24	27. 54	37. 26	22, 64	42.96	238.64
11.52	11.16	27. 52	48. 08	26. 28	36. 30	22. 08	39. 84	222.78
14. 20	14. 20	38. 18	61. 04	34. 11	44. 10	30. 12	39. 36	275. 31
13. 36 12. 88	12.88	34. 88	57. 12	28. 53	40.86	26. 44	39.00	253.07
12. 88	11. 48 11. 88	30. 36 27. 72	43. 92 46. 00	24. 84	34, 32	23. 76	41. 52	223. 08
12. 72	12. 16	30. 16	48. 88	23. 40 26. 55	33. 12	22. 36	40. 68	217. 88
12. 20	12. 10	29. 28	45. 20	26. 55	36. 24 35. 22	21. 96 23. 84	41. 28 44. 76	229, 59 226, 92
11. 92	12. 16	28. 98	45. 84	24. 75	36. 06	24. 16	42. 96	226, 83
12. 16	12. 12	28. 12	49. 92	27. 18		21.76	41. 28	229. 08
239	3-24†					,		

Merit roll of the midshipmen of the present first class (class of 1925) for the

Order of general merit for	Names	State from which appointed	Date of admission	Ag at da admi	te of	Sea se in pra shi	ctice
aca- demic						-	
year				ss.	ths	Months	
		•		Years	Months	Con	Days
				_ X		2	<u> </u>
211	Cash, James Braxton	Virginia	July 26, 1921	19	4	8	13
162	Champlin, Jackson Selover	Oklahoma	June 28, 1921	16	6	8	13
137	Charles, Roland Wilbur	Missouri	Aug. 30, 1921	19	10	8	13
111	Charlson, John Adolph, jr	California	June 24, 1921	17	3	8	13
367	Chillingworth, Charles Frederick, jr	_	July 9, 1921	18	4	7	5
2841	Christopson, Woldsman, Nichlous	MissouriIndiana	Sept. 17, 1921	17	6	8	13
257 114	Christensen, Waldeman Nichlous - Clark, Jeane R	Nebraska	June 25, 1921 June 29, 1921	17 19	4 6	8	13 13
280	Clark, Perley Messer	Iowa	May 27, 1921	19	11	11	11
232	Clark, Robert Stewart		do	18	4	11	11
265	Cleland, John Belton, jr		Aug. 26, 1921	17	10	8	13
445	Clyde, Paul Moore		June 24, 1921	19	11	7	9
164	Colborn, William Brewster		June 28, 1921	18	3	8	13
342	Coleman, Robert Irvine	do	June 23, 1921	18	3	8	13
*2 65	Collins, Clifford Joseph Compton, Philip Dow	Ohio New Jersey	June 28, 1921 June 23, 1921	18	9	8	13 13
381	Copping, Bennett Smith.	Oklahoma	June 29, 1921	16	10	8	13
168	Cowie, Terrence Ritchie	North Dakota		19	1	8	13
200	Cox, Glenn McCoy	Missouri	June 30, 1921	19	3	8	13
*27	Creasor, Philip Swanton	Washington	June 24, 1921	19	7	8	13
172	Criddle, Clement Robert		June 28, 1921	17	9	8	13
30	Crommelin, Henry		Aug. 16, 1921	17	0	8	13
55	Cronin, Robert Emmet		June 25, 1921	17	6 2	8	13
260 380	Crosley, Paul Cunningham Crowley, Edward Dupuis		June 9, 1920 Aug. 16, 1921	18 17	11	11 8	13
459	Culbert, William		July 11, 1921	18	0	8	13
463	Culver, Ira Guy		June 25, 1921	18	8	8	13
170	Dahlke, Homer Oscar	Ohio	Sept. 16, 1921	19	6	8	13
274	Daniel, Tillett Sharpe		June 27, 1921	17	7	8	13
385	Davidson, Walter Bunn		July 12, 1921	20	0	8	4
426 319	Davis, Ernest Judson		Sept. 1, 1921 June 22, 1921	20 20	0 2	8 8	13 13
139	Davis, Richard, jr		1	17	11	8	13
158	Day, De Vere Lester		July 22, 1921	19	9	8	13
262	Day, John Sanford			19	6	8	13
$364\frac{1}{2}$	Dearth, Harold Fletcher	Wisconsin		19	8	8	13
353	Delaney, John Francis, jr			16	10	8	13
430	de Shazo, Jack Perry			20	2	8	13
129 187	Dillavou, Claude Arthur Dowden, James Page			17 18	5 4	8	13
446	Dreier, David Collin			19	10	11	11
398	Drury, Martin Joseph			18	9	8	20
251	Dufek, George John			18	6	8	13
dd79	Duncan, Robert James	. Colorado	,	18	4	7	28
140	Dunlop, Malcolm Glaister			17	6	8	13
0432 424	Durham, Ritchey Lee			19 19	8 7	8	20 20
50	Dyer, Robert Lawton			19	6	8	14
89	Eaton, William Adams			17	4	8	13
*26	Edmundson, Edward Harold			18	1	8	13
261	Eggers, Freemont Baldwin			18	3	8	13
43	Eller, Ernest McNeil l			18	5	8	13
61 417	Elliott, Richard English			18 17	5	8	13 13
417	1 rancu, Arondi Donovan Joseph	J TION LUIA	vary 12, 1021	, 11	, ,	, 0	1 10

third year of their academic course-470 members-June, 1924-Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
	`		Ŋ	Iaximum			i	
16	16	40	64	36	48	32	48	300
11. 68	11. 88	33, 22	46, 80	23, 67	36. 78	21. 68	42. 48	228.
12. 96	12.36	33. 22	50. 64	26. 01	34. 80	23. 68	39. 48	233.
12. 56	12. 32	30. 90	51, 52	26, 19	34. 56	27. 56	40.32	235.
12. 52	11. 96	30. 34	52. 08	27. 18	36. 00	24. 64	43. 68	238.
11. 24	12. 24	27. 50	44. 24	23. 94	32. 28	21. 56	42. 00	215.
12. 84	11. 28	29. 38	48. 32	23. 22	35. 16	21. 80	40. 44	222.
12. 72	11. 64				1			
		29.38	45. 20	24. 12	34. 44	23. 44	42.84	223.
13. 24	12.48	31. 92	56.00	26. 91	37. 92	23. 00	36.72	238.
11.64	11. 88	28. 42	48. 24	24. 66	35. 64	21.00	41. 16	222.
11.88	11. 76	28. 68	49, 20	24, 57	34. 68	21. 36	43. 92	226.
12. 72	11. 48	26. 78	48. 72	24. 03	33. 60	21. 52	44. 64	223.
11. 56	10.56	27. 14	43. 60	23. 49	31. 32	20. 32	39. 12	207.
12, 40	11.96	29. 78	50.08	27. 45	35. 04	26. 28	40. 08	233.
12.04	11. 44	28.66	43. 92	23. 49	33. 00	22.44	42.48	217.
14. 00	13. 52	37. 50	58. 72	34. 11	43. 50	30.96	44. 40	276.
13, 52	13. 28	32.86	51. 12	28. 17	39. 60	24. 96	42. 12	245.
11.20	10.84	28.84	43, 20	24. 39	31.74	23. 84	39.72	213.
12. 56	12, 08	30.04	48. 96	26. 10	34. 92	26. 68	41. 04	232.
12.44	12. 00	29. 20	46. 64	25, 74	35, 88	24.44	42.72	229.
14.00	13. 64	35. 04	56. 24	30. 78	42. 54	23. 00	41.04	256.
13.04	12. 40	30. 64	47. 76	25. 02	37. 26	23.96	41.76	231.
13.48	12.80	31. 92	52, 64	29. 25	41.64	30. 24	42.60	254.
13.36	12. 76	32. 64	54. 40	28.80	39.12	28. 24	40. 32	249.
12.92	12.00	27, 48	46.88	23, 31	33.00	26. 36	41.76	223.
12. 28	11. 56	29. 02	44. 40	24. 30	31. 98	23. 96	36. 72	214.
11.16	11.44	25. 64	41, 28	22. 50	30. 54	20.88	40. 92	204.
11.16	10. 52	26. 04	40. 24	23.04	31.44	20.84	36. 48	199.
12.32	12.40	29. 64	46. 56	26.01	37.08	29. 32	38. 76	232.
11.72	11. 56	29. 74	45. 92	25. 92	33. 60	23. 44	41.04	222.
11.64	12.68	28. 12	46.00	23. 40	32. 16	20. 92	38. 76	213.
11.80	11.48	28. 00	43. 68	23.40	32. 22	22. 32	36. 36	209.
12.20	11.84	32. 00	46.00	25. 56	34. 68	21. 32	35. 76	219.
13.48	12.76	29. 38	51.36	25. 56	37. 32	24. 04	41. 52	235.
13.08	13. 52	29. 96	50.08	25. 20	35. 40	23. 80	42. 36	233.
11. 72	12. 24	27. 98	48.00	24. 75	34. 68	22, 64	41. 64	223.
13. 00	10.80	27. 40	43, 52	22.86	31. 62	25, 56	40. 56	215.
11. 04	11. 80	28. 74	42. 96	23. 76	33. 54	26. 60	37. 92	
11.80	10.92	27. 76	41. 20	22. 50	30. 78	21. 76	42. 24	216. 208.
13. 12	11. 92	33.06	49. 52	27. 36	35. 16		T. Control of the Con	
13. 12	11. 92	27. 98	49. 52	27. 36	37. 14	22. 92	43. 32	236. 230.
10. 56	10. 32	25. 38	41. 20	23. 94	31, 20	26. 40	42.00	
11.96	10. 52		1			24. 04	39. 96	206.
11. 28	40.00	26. 38	44. 24	23. 85	31. 38	23. 32	40. 20	212.
12. 96				26. 19	37.86	23. 24		224.
12. 68		33. 58	50. 72 50. 00	26. 28	37. 02	25, 36		241.
10. 44	1	33. 30		28. 26	36. 36	27. 56		235.
11. 04	1	26. 14	42. 56	25. 47	29. 58	21. 64	42. 60	208.
13. 56		27. 20	43.60	22, 95	31. 92	21, 40	40. 32	209.
12. 28	13. 24	33. 84		26. 82	38. 40	24. 12	44. 16	250.
	11. 48	31.70	50.00	30. 42	37. 62	27. 92	38. 88	240.
12.80	12.44	32.84	53. 28	29.16	39. 54	28.60	47.64	256.
12. 20	11. 32	28.78	45. 44	27.00	33. 60	24. 92	40. 44	223.
13. 32		35. 54	52.48	29.79	39. 00	28.04	39. 72	250.
12.72	12.48	33. 54	50. 48	27. 90	38. 16	30.48	40. 44	246.
1 28	11.28	27. 58	46.00	22.95	32, 46	20.12	37. 80	210

Merit roll of the midshipmen of the present first class (class of 1925) for the

	1		1	1				
Ord of gene mer for aca	f eral rit r	Names	State from which appointed	Date of admission	Age at date of admission		Sea se in pra shi	actice
den yea	aic				Years	Months	Months	Days
1	46	Fee, George Edward	Nevada	June 25, 1921	18	1	8	13
4	141	Fenno, Frank Wesley, jr	Massachusetts	June 22, 1921	18	9	8	13
	294	Ferguson, Harry Lee, jr	Mississippi	July 8, 1921	18	7	8	4
	300 338	Fitz Gorold Phillip Hopey	Georgia Tennessee	June 24, 1921 June 28, 1921	18	11	8	13
	345	Fitz Gerald, Phillip Henry Florance, John Edwards	Illinois	July 13, 1921	18 17	11	8	13 13
	292	Foose, Robert Paul	Ohio	June 28, 1921	18	6	7	6
4	155	Ford, Walter Chilcott	New York	July 27, 1921	17	8	8	13
	348	Fowler, George Bingham	do	July 8, 1921	18	2	8	13
	346	Fowler, Thompson Fletcher French, John Fitz-Hugh	Texas	June 24, 1921	19	10 9	8	13
	142 157	Gaines, Richard Kenna	West Virginia	July 14, 1921 Aug. 2, 1921	18 18	0	8	13 13
	266	Gallery, William Onahan	Illinois	June 25, 1921	17	0	8	13
3	320	Gardner, Robert Neal	Oregon	May 28, 1921	19	2	11	11
	399	Gellhorn, George, jr	Missouri	June 28, 1921	16	6	8	13
	120	Gibbs, Robert Henry	At large	July 1, 1921	16	10	8	13
	116 122	Gibson, Persifor Fraser, jr	Pennsylvania Wisconsin	June 23, 1921 June 24, 1921	18 18	9	8	13 13
	125	Gill, Graham Chaffin	Tennessee		19	2	8	13
	141	Gingras, Richard Hermus	New York		17	1	8	13
2	284	Goetz, Charles Moran	Wisconsin	July 8, 1921	18	5	8	13
	49	Goldenson, David	Missouri		17	10	8	13
3	176 *9	Goodney, Willard Kinsman	Michigan Louisiana		18	6 9	8	13
9	278	Goodwin, John Frohock	Massachusetts		16 18	3	8	13 13
	429	Gordinier, Virgil Francis	Kansas		19	4	8	13
	214	Goudeau, Lionel Claudius	Louisiana		19	8	8	13
	196	Goulett, Wifred Bradley	Connecticut		19	4	8	13
	279	Graham, William Walter, jr	New Jersey		18	4	8	13
	259 371	Graubart, Arthur Harrison Greenlee, David Glass, jr	New York Tennessee	June 23, 1921 May 27, 1921	19 19	8	8	13 11
	295	Gregerson, Clarence Edward	Wisconsin	Aug. 17, 1921	19	4	8	13
	229	Griffin, John Hook	South Carolina	June 24, 1921	17	2	8	13
	*21	Grimes, Clifton Garvin	Iowa	June 22, 1921	18	4	8	13
	387	Grove, Robert Lee	Maryland	July 19, 1921	19	7	8	13
	440 210	Guthrie, Richard Allen Hamilton, Rayburn Mathew	Iowa Texas	July 8, 1921 June 24, 1921	17 17	8 9	8 8	13 13
	452	Hammock, John Cowling	Arkansas		17	7	11	11
	123	Hammond, Stephen Alexander, jr.	Massachusetts	June 22, 1921	18	7	8	13
	419	Hank, William Edwin	Virginia	June 28, 1921	18	9	8	13
:	304	Hanna, James Ritchey	Nebraska		18	7	8	13
	75 38	Harcourt, Stanton Hinde	Colorado Massachusetts	June 24, 1921 June 25, 1921	16 16	10	8	13 13
	333	Harris, Andrew Earl	Kentucky	June 21, 1920	19	6	8	20
	45	Harris, Harold Douglas			18	5	8	13
	179	Hart, John Neely	South Carolina	June 24, 1921	18	6	8	13
	143	Hartzell, Paul Appel			18	2	8	13
	110	Haugen, Clarence Edward			17	10	8	13
	233 248	Haviland, James William, 3d Headden, William Ramon		_	16	7	8	13 13
	244	Hede, Adolph			17	7	8	2
	256	Henderson, Harry Havelock	Massachusetts	Sept. 1, 1921	16	11	8	13
	327	Heneberger, Harry Bailey			18	0	8	13
	391	Hickey, Thomas Joseph	Missouri	June 25, 1921	1 19	4	8	13

third year of their academic course-470 members-June, 1924-Continued

S	eaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggregate third year
-				1	Maximum				
-	16	16	40	64	36	48	32	48	300
	12. 32	12. 52	30. 94	53. 92	24. 84	35. 64	24. 96	39. 60	234. 74
	11.40	10.68	26. 50	41.60	22. 50	31. 62	23.08	40. 08	207. 46
	13. 32	12.00	27. 84	43. 12	23. 40	31.80	28.80	41. 04	221. 32
	12. 52	11. 56	30.00	45. 44	23. 94	34.68	21. 52	41. 28	220. 94
	12. 56	12.08	28. 88	46. 16	24. 12	34. 14	21. 04	39.00	217. 98
	13. 08	10. 64	30. 32	48. 80	23. 94	34. 08	22. 08	34. 08	217. 02
	12. 56	11.64	29. 30	47. 52	24. 30	34. 02	22. 44	39. 84	221, 62
	11. 08 12. 28	11. 48 12. 32	25. 84 26. 92	41. 44 41. 52	23. 40 22. 77	31. 02 31. 20	21. 16 28. 92	40, 20 40, 80	205. 62 216. 73
1	12. 40	11. 16	28. 52	49. 68	24. 21	34. 50	21. 84	34. 56	216. 73
	12. 52	12. 72	31. 68	49. 84	27. 09	36. 84	24. 96	39.60	235. 25
	11.04	11. 56	25. 70	44. 08	22. 50	30. 48	21. 64	37. 92	204. 92
	12.04	11.88	27.64	48. 32	25. 47	34. 38	22, 80	40. 92	223. 45
	12.00	10.80	30. 30	46.00	23. 49	35. 28	22. 16	39. 24	219. 27
	12.04	12. 20	29. 98	42.48	23. 85	32. 04	23. 80	35. 88	212, 27
	12.60	11.44	32. 30	49. 92	27. 90	35. 40	26, 12	41.88	237. 56
	13. 08	11.88	32. 10	48. 32	26. 10	36.06	28. 56	42.00	238. 10
	12. 08	12.64	31. 20 26. 46	51. 52 43. 20	28. 17	34. 74 31. 32	27. 20	39. 60	237. 15
	11. 40 13. 68	11. 36 12. 72	29. 94	43. 20	23. 67 25. 74	35. 16	20. 80 26. 88	41. 16 42. 36	209. 37 235. 28
	11.60	12. 72	31. 16	45. 68	23. 85	34. 02	21. 68	41.64	222, 47
	13. 52	13. 68	35, 38	53. 36	29. 07	39. 30	27. 76	38. 16	250. 23
	12. 48	11. 92	30. 42	49. 12	25, 38	37. 02	22, 44	42.72	231. 50
	14. 16	13. 44	36. 84	56.00	32. 67	41.82	29.32	43. 32	267. 57
	12.04	12.40	27. 32	49. 52	23. 49	35. 52	21.08	41. 40	222. 77
	11.64	11. 96	26. 08	44.00	21. 96	32. 04	20.40	40. 92	209. 00
	13. 72	12. 52	27. 86	51. 20	24. 57	36. 72	21.80	39. 36	227. 75
1	12.44	12.48	29. 06	45. 68	25. 20	34. 20	28. 20	42. 12	229. 38
	11.96	11. 28	29. 68	47. 20	23. 76	34. 86	22.64	41. 28	222. 66
	12. 20	13. 32	30. 10	45. 36	25. 38	33.60	21, 92	41.88	223. 76
	12.88 11.24	11. 32 11. 56	26. 72 29. 18	43. 76 45. 52	23. 04 26. 28	32, 28 33, 78	24. 84 27. 72	40. 08 36. 00	214, 92 221, 28
	13. 80	11. 20	28. 60	47.68	24. 30	31. 68	24. 72	44. 16	226. 14
	14. 20	14.04	32. 54	57. 36	31. 05	42.72	22. 88	43. 56	258. 35
1	12.04	11.60	28. 46	43. 92	23. 85	31. 38	22.40	39. 72	213. 37
	12. 16	11.40	27. 04	43.76	22, 50	30. 72	20. 72	39. 60	207. 90
	12.08	11. 76	29. 78	50. 32	23. 76	38. 70	21. 96	39. 84	228. 20
	10. 92	11. 08	26. 56	41. 76	23. 58	30.60	22. 28	39. 12	205. 90
	12.40	12.40	31. 46	49. 12	26. 37	36. 24	26. 04	42.84	236. 87
	11.00	11.40	28. 18	42.80	23. 40	32. 52	22, 96	38. 16	210. 42
	11. 12	11.76	30. 52	47. 44	23. 76	36. 06	20. 84	39. 24	220. 74
	13. 28 11. 84	12. 56 13. 76	33. 54 34. 36	50. 24 55. 12	29. 16 31. 68	37. 68 39. 36	24. 76 25. 20	40. 92 41. 64	242. 14 252. 96
	11. 76	11. 36	29. 20	45. 28	25. 11	39. 36	25. 20		252. 96
	13. 64	13. 16	33. 22	53. 44	30. 33	37. 74	25. 44	39. 72 43. 44	250. 41
	12. 16	12. 80	30. 30	49. 44	26. 46	33. 12	24. 68	42. 12	231, 08
	12.44	13. 00	30. 40	51. 76	25. 65	35. 64	27. 08	39. 24	235. 21
	12.40	13. 32	31. 76	51. 52	27. 81	36. 54	23. 68	41. 40	238. 43
	12. 20	12. 00	31. 08	44. 48	24. 93	33. 48	26. 92	40. 92	226. 01
	12. 56	11.84	29. 18	47. 04	24. 66	35. 58	21. 24	42. 36	224. 46
	12. 08	11.40	31. 48	44. 48	23. 94	33. 12	27. 72	40. 68	224. 90
	12. 72	11. 20	28. 84	46. 16	23. 58	33. 06	25. 76	42. 48	223. 80
	12. 16	11. 24	28. 24	44. 56	25. 20	32. 10	23. 88	41. 40	218. 78
1	11.72	11.00	28, 88	47. 12	22. 95	34. 02	21. 48	36. 00	213. 17

Merit roll of the midshipmen of the present first class (class of 1925) for the

Order of general merit for	Names	State from which appointed	Date of admission	at da admi	te of	Sea se in pra shi	ctice
demic					SI	SI	
year				Years	Months	Months	Days
273 247	Hicks, James M	Pennsylvania New Jersey	June 28, 1921 June 25, 1921	18 18	4 3	8 8	1 4
47	Hoag, Leslie Farmer	Vermont	July 19, 1921	18	7	8	13
220	Hobbs, Ira Earl		May 27, 1921	19	6	11	11
245	Hoffner, Carleton Crosby		Aug. 2, 1921	19	11	8	13
86	Hogaboom, Robert Edward	Mississippi	June 23, 1921	18	7	8	13
53 316	Hord, Paul Whitefield Hourihan, John Joseph	Kentucky	July 27, 1921 June 23, 1921	19	7 8	8	13 13
272	House, John Carleton		July 6, 1921	17	9	8	13
117	Howard, William Baker, jr		June 28, 1921	16	7	8	13
312	Howard, William Stamps, jr	do	June 14, 1920	17	9	8	20
298	Howeth, Linwood Sylvester	Maryland	June 25, 1921	19	4	5	15
*10	Howlett, Kirby Smith, jr	Tennessee	June 28, 1921	16 18	10	5 8	15
334	Hubbard, Harry Ensor Hughes, John Gress, jr	Pennsylvania	June 22, 1921 June 30, 1920	19	0	5	13 26
92	Hull, David Ryerson	Massachusetts	June 28, 1921	17	8	8	13
226	Hurd, Kenneth Charles	Michigan	do	18	7	8	13
96	Hurt, David Albert	Virginia	June 24, 1921	17	11	8	13
444	Ivey, John Courtney	Georgia	June 28, 1921	17	11	8	13
119 180	Jackson, Alexander, jr	AlabamaGeorgia	June 27, 1921 June 22, 1921	17 19	4	8	13
402	Jensen, Clyde Marcus	Michigan	Sept 22, 1921	16	10	8	3
344	Johns, John Graham	Delaware	June 23, 1921	17	10	8	13
396	Johnson, Reginald Clarence	Minnesota	May 28, 1921	20	0	11	11
90	Johnson, Theodore Woolsey, jr		July 27, 1921	16	10	8	13
71 184	Johnson, Victor Emmanuel	Minnesota New York	Aug. 18, 1921 June 25, 1921	19	6	8	13 13
313	Jordan, Julian Bethune	Georgia	June 29, 1921	17	3	8	13
150	Karns, Franklin D., jr	At large	June 12, 1920	16	11	11	11
127	Kelley, Bruce Draper	Washington	June 28, 1921	19	5	8	13
303	Kershner, George Francis	West Virginia	do	18	11	8	13
407 362	Kiel, Paul John	Texas	July 8, 1921 June 10, 1920	17 19	5.	8	13 11
2341	Kimes, Thomas Joseph Kimzey, Ralph Philbrook		May 27, 1921	18	5	11	11
276	King, George Joseph	Î.	June 23, 1921	19	6	8	13
317	King, Shane Hastings	Missouri	June 25, 1921	18	8	6	24
437	Kirten, William, jr		June 23, 1921	17	2	8	13
155	Kivette, Frederick Norman			19	0	8	13 13
168 121	Knowles, James Patrick Kramer, Alwin Dalton			19 17	10	8	13
326	Krieg, William Benjamin	i .		18	2	8	13
300	Laffan, John James			19	2	8	13
193	Lambrecht, John Osgood		June 25, 1921	18	5	8	13
*4	Landers, Wilbur Nelson			19	7	8	13
252 87	Lankford, Creighton Kirby Lanston, Aubrey Gilpin			18 18	11	8	13 13
68	Larkin, Richard Alexander			17	6	8	13
205	Larson, Harold Oscar			18	0	8	13
154	Latrobe, William Claiborne	At large	June 24, 1921	18	6	8	13
389	Lawrence, John Robertson			18	9	11	11
378	Leahey, George Aloysius, jr			18 16	1 4	11 8	11 13
207 290	Lee, Eugene Stone Leggett, Aubrey Bartram			19	10	7	14
329	Leicht, Joseph				5	8	13

third year of their academic course-470 members-June, 1924-Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
			Ŋ	Maximum			1	
16	16	40	64	36	48	32	48	300
12. 48	11. 92	29. 18	48. 80	23. 58	33. 78	21. 72	41. 52	222, 98
12. 92	12. 12	28, 84	44, 24	23, 40	33. 72	26. 08	43. 20	224. 52
13. 96	13. 04	32. 16	55. 68	28. 17	40. 50	26. 52	40. 32	250, 35
12. 92	12, 68	28. 32	47. 76	24. 57	34. 80	21. 44	44. 52	227. 01
12. 16 12. 16	11. 72 13. 00	27. 96 32. 70	47. 68 53. 20	24. 03 28. 26	34, 32 36, 90	24, 12 21, 64	42. 60 42. 96	224. 59 240. 82
13, 52	13. 36	32. 98	56, 00	27. 63	41, 76	25. 60	39. 12	249. 97
11. 40	11. 76	31. 32	45, 52	23, 49	36. 30	21. 16	38. 52	219. 47
12.84	11. 52	29. 72	46. 88	23. 85	36, 18	21. 44	40. 56	222. 99
12.96	i2. 60	32. 56	51. 68	27. 36	36. 54	25. 04	39. 12	237. 86
13. 32	11. 24	30. 32	43. 68	25. 47	33. 84	21. 60	40. 32	219. 79
12. 64	12.00	30. 14	46. 64	24. 84	34, 26	22. 08	38. 52	221, 12
14. 36	13. 96	36. 16	59. 04	32. 40	43. 62	27. 04	40. 68	267. 26
14. 92	14. 72	37. 36	61. 04	34. 56	45. 42	28. 88	42. 12	279. 02
12.00	11.48	30. 22	47. 28	25. 20	34. 44	21. 64	36. 12	218. 38
12. 12 12. 08	11. 96 11. 36	32, 24 30, 68	51. 84 47. 68	28. 80 24. 30	40. 92 34. 50	23. 36 23. 64	38. 88 42. 12	240, 12 226, 36
11. 72	12. 52	32. 58	51. 36	28. 26	35, 64	25. 64	42. 12	239. 84
11. 64	11. 76	27. 94	42. 48	23. 40	32. 52	21. 28	36. 12	207. 14
12, 44	12, 12	32. 10	51. 84	27. 18	37. 14	24. 08	40. 68	237. 58
12.04	12.80	32. 02	46. 88	25. 02	34. 86	28. 88	38. 40	230. 90
10, 88	11.00	27. 24	44. 00	23. 67	33. 30	21.36	40. 20	211. 65
11. 96	11. 28	29. 14	44. 48	25. 29	35. 16	20. 72	39. 12	217. 15
12. 08	11. 20	27. 46	44. 64	22. 86	32. 28	21. 88	40. 20	212. 60
12, 48	13. 64	32, 44	50. 24	27. 00	38. 88	23. 12	42.36	240. 16
12. 72 12. 04	12. 12 11. 72	31. 42 30. 30	54. 16 48. 64	29. 79 23. 04	40.38	22. 68	39, 60 42, 00	242. 87 230, 26
12. 84	12. 60	29. 44	44. 88	22, 77	35. 40 33. 18	27. 12 23. 56	40. 32	219. 59
12. 60	12. 48	29. 56	46. 88	24. 39	38. 52	26. 76	43.44	234. 63
12. 76	11.96	31.46	50. 48	28. 35	38. 64	22, 72	40. 20	236. 57
11. 60	10. 88	. 28. 18	46. 08	24. 12	35, 58	23. 72	40.68	220. 84
11.08	12. 28	29. 26	42. 80	23. 85	32, 58	22.76	36. 72	211. 33
11.08	12. 44	30. 36	43. 92	24, 48	31. 02	21. 48	40. 68	215. 46
12.00	11. 40	29. 58	49. 36	26. 19	35. 76	22. 08	39. 36	225.73
11. 32 12. 16	11. 08	27. 82	47. 28	24, 30	34. 20	26. 88	39. 96	222. 84
11. 68	11. 48 11. 20	27. 44 27. 16	46. 80 42. 88	23. 67 23. 04	34. 80 31. 86	21. 56 21. 12	41. 52 39. 12	219, 43 208, 06
12. 40	12. 64	33. 52	52. 96	26. 82	37. 32	21, 12	36. 48	233, 74
12. 40	12. 40	29. 62	49. 76	26. 46	35. 58	23. 32	42.84	232. 38
12. 60	11. 92	32, 08	51. 52	25, 92	38. 04	21. 92	43. 32	237. 32
11. 32	12. 20	28. 30	45. 04	23. 67	33. 48	23. 56	41. 40	218. 97
13.48	12.00	27. 10	48. 00	23. 22	33. 06	23, 28	40. 80	220. 94
12.60	12. 12	30. 00	48. 00	26. 01	35. 40	23. 64	41.88	229. 65
13. 36		37. 52		32. 76	42. 84	29. 00	45. 24	272. 04
11. 84	12.36	29, 46	. 46. 40	24. 57	33. 06	27. 64	38. 76	224. 09
12. 76 13.36	13. 04 13. 04	33. 14 32. 82	51. 68 52. 56	28. 17 29. 07	37. 14 39. 60	24. 52 23. 12	39. 96 41. 28	²⁴⁰ . 41
12. 76	11. 68	31. 80	50. 96	29. 07	39. 60	23. 12	38. 04	228. 85
12. 88	12. 76	30. 32	48. 16	26. 01	35. 58	25. 80	42. 72	234. 23
11. 48	11. 12	28. 86	44. 56	22. 95	31. 44	20. 96	41. 88	213. 25
12.64	11. 16	26. 18	42. 16	23. 04	31. 92	24, 04	43. 20	214. 34
12, 28		31. 92	48. 56	24. 66	34. 86	22. 56	41. 16	228. 64
12. 72		29. 56	43. 76	24. 39	36.06	21. 68	41. 64	221, 81
12. 12	11. 96	27. 94	46. 16	24. 57	34. 44	22, 88	38. 64	218. 71

Order of				at da admi		Sea se in pra shi	actice
general merit for aca- demic year	Names	State from which appointed	Date of admission	Years	Months	Months	Days
	· · · · · · · · · · · · · · · · · · ·				-	-	<u> </u>
73	Lent, Willis Ashford	Massachusetts		17	6	8	13
126	Lester, Thelman	Oklahoma		17	4	8	13
438 78	Lewis, John Hampden Lind, William George Hercules	Louisiana New Jersey		19 18	11 5	8	20 13
436	Lion, Paul Miller, jr	Idaho		17	7	8	13
331	Locke, Preston Grant	Wyoming		18	4	8	13
76	Long, John Harvey	Mississippi	June 29, 1921	18	8	8	13
*13	Long, Victor Dismukes	do	June 25, 1921	16	11	8	13
364	Loomis, Byron Benjamin	Indiana		18	11	11	11
35	Loomis, Frederick Kent	West Virginia		17	1	8	13
360	Loos, Wallace Mead	Pennsylvania		17	9	8	20
450	Love, Henry Hamilton	Tennessee		17	6	8	2
438	Lowrey, Searcy James	Mississippi		19	11	8	13
147	Ludewig, Joseph William	District of Co- lumbia.	June 29, 1921	17	1	8	2
99	Luke, Raymond Henry	New York		18	1	8	13
157 411	Lyon, Harry Nelson	Utah Iowa	,	18	0 2	8	13
250	Lyon, Percy Haverly Lyons, Raymond Richard	New York		19 18	6	8 8	13 13
433	MacIntyre, Alexander	New Jersey	May 27, 1921	19	1	11	11
382	MacKinnon, Ranald MacNicol	Iowa	June 22, 1921	18	10	8	13
*15	Madsen, Harold Vester Broe	California		18	5	8	13
449	Mahoney, George Francis	Rhode Island		18	1	8	2
269	Malone, Clyde Francis	Ohio	June 23, 1921	18	7	8	13
225	Mann, Everett Edward	Texas	Sept. 8, 1921	19	5	8	13
434	Markham, Lewis Merrill, jr	Colorado	July 13, 1921	17	8	8	4
375	Marshall, Harvey Nixon	Rhode Island		20	1	8	13
*17	Marshall, William Jefferson	Kentucky	June 22, 1921	18	4	8	13
45 352	Mason, Redfield	Indiana Minnesota	Aug. 23, 1921 Sept. 1, 1921	17 18	1 2	8 8	13 13
408	May, Benjamin, 2d	Rhode Island.	June 28, 1921	19	0	8	13
262	Mayer, Walter Scott, jr	New York		19	0	8	13
70	McAdam, Sherry Thomas, jr	Florida	June 22, 1921	17	7	8	13
401	McAuliffe, Clifford Leo	Mississippi	June 24, 1921	18	10	8	13
323	McCall, Francis Bayard	Idaho	June 24, 1921	19	11	8	13
64	McDaniel, Charles DeMotte	Illinois	June 22, 1921	17	3	8	13
390	McFall, Edward Alspaugh	Idaho	June 28, 1921	19	4	8	13
330	McFarlane, Robert Norton	Arkansas	June 24, 1921	19	1	8	13
409	McGeoy, Thomas James	Mississippi	- /	17	11	8 8	13
41 148	McGown, Monroe Young, jr	Massachusetts Maine	Aug. 24, 1921 June 25, 1921	19 17	7 4	7	13 14
403	McGraw, Thomas Marion			19	8	11	11
384	McKinney, Charles Schuman	Ohio	July 8, 1921	19	1	8	13
*22	McMurtrey, Thomas Bradford.			18	4	8	13
101	McNally, James Anthony			18	0	8	13
202	McNulta, Herbert, jr	Illinois		17	10	8	13
420	McShane, Julian Johns	Maryland		18	11	8	13
-108	Melgaard, John Leslie			18	6	8	13
465	Melintz, Paul Richard			19	5	8	13
347	Mensing, Robert Julius Klaus Messmer, William LeRoy			19	0 4	8	20
224	Messmer, William LeRoy			18 18	8	8	13 13
106 249	Miller, Harry Fanker	l l		18	8	8	13
130				18	2	8	13

third year of their academic course—470 members—June, 1924—Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
			1	Maximum			<u>'</u>	
16	16	40	64	36	48	32	48	300
13. 40	13. 72	32. 42	52. 56	26. 73	36. 72	25. 96	40. 92	242. 43
12.64	12. 20	30. 52	51. 12	27. 90	36. 48	23. 88	41. 88	236. 62
11. 12	11. 08	25. 82	41. 20	22. 86	31. 02	24. 00	40. 92	208. 02
13. 40	13. 08	30, 12	51. 12	26. 55	34. 14	29, 20	44. 28	241. 89
11. 56 11. 68	10. 80 11. 04	28. 86 27. 20	42. 40 45. 52	22. 95 24. 21	31. 20 34. 20	21. 24 24. 52	39. 12 40. 20	208. 13 218. 57
13. 08	12. 60	32. 78	52. 96	27. 00	40. 38	23. 20	40. 20	242. 08
14, 20	13. 84	36. 54	55. 04	31. 50	40. 33	29. 24	40. 08	261, 60
11. 88	10. 92	27. 88	43. 92	24. 30	33. 84	23. 40	39. 24	215. 38
13. 80	12.96	34. 02	53. 36	29. 70	40. 86	29. 56	39. 12	253. 38
12. 04	11. 52	28, 68	45. 36	26, 28	32. 34	21, 24	38. 16	215. 62
12. 52	11, 20	27. 32	42. 32	22. 77	32. 76	21. 56	35. 64	206. 09
11.00	11. 24	26. 24	42.88	23. 04	31.86	20. 12	41. 64	208. 02
13. 32	12. 40	29. 14	51. 04	24. 03	37. 80	24. 16	42.84	234. 73
13. 20	12. 80	30. 72	51. 44	27. 81	38. 28	26. 36	38. 76	239. 37
12. 40	12. 24	29. 78	48. 32	25. 02	37, 08	26. 88	41.76	233. 48
11.72	11. 40	27. 18	43. 84	23. 49	32. 52	21. 48	39. 48	211, 11
12.44	12. 20	28. 04	44. 56	26. 64	34. 62	24, 84	40. 92	224, 26
10. 96	11.00	27. 28	43. 44	23, 13	31. 50	21. 52	39. 84	208. 67
12.00	11. 96	29. 44	43. 04	24. 30	32. 34	22, 72	37. 92	213. 72
13.76	13. 88	33. 14	54. 16	29. 61	41. 10	31.04	43. 20	259. 89
11. 44	10. 48	25. 88	40. 40	23. 13	31.02	23, 52	40. 44	206. 31
11. 68	12. 56	27. 96	48.00	26. 37	36. 84	25. 00	34. 92	223. 33
12. 96	12. 20	29. 98	48. 40	24. 57	36. 54	21. 40	40. 32	226. 37
11. 32	12. 12	27. 98	43. 04	21. 78	31. 32	20. 36	40. 44	208.36
11. 88 13. 48	10. 80	27, 22	45. 60	24. 75	33. 12	22, 80	38. 40	214. 57
13. 48	13. 76 13. 16	35, 52 34, 06	55. 52 53. 12	29. 97 28. 53	42, 54 40, 14	25. 24 29. 80	43. 08	259. 11
13. 00	12. 60	28. 74	45. 60	25, 29	35. 64	29. 30	38. 40 34. 80	250. 41 216. 43
11. 12	11. 88	27. 80	44. 32	23. 13	5 33. 12	22. 12	37. 80	211. 29
13. 48	12.16	30. 56	47. 84	23. 67	35. 34	25. 92	34. 68	223. 65
13. 64	12. 56	32, 42	54.72	26. 19	38. 46	25. 16	41. 28	244, 43
11. 52	11. 48	26. 16	44. 00	23. 76	32, 22	22. 24	40. 56	211. 94
12. 24	11.84	27. 22	46. 64	22, 68	33. 54	26. 24	38. 76	219. 16
13. 64	12.48	32. 00	53. 20	27. 90	41. 22	23.84	41. 64	245.92
11.00	11.88	27, 24	44. 08	23. 76	32. 88	21.72	40. 68	213. 24
11.72	11. 40	27. 64	44.88	25, 20	34, 20	21.64	42.00	218. 68
11. 16	10.92	27. 86	44. 72	24. 21	34. 14	20. 76	37. 44	211. 21
13. 32	12. 12	34. 56	53. 28	28. 08	40. 20	28.00	41. 88	251.44
12.44	13.00	30.70	52. 24	26. 64	38. 22	22. 92	38. 52	234, 68
12.80 11.56	11. 32 11. 00	26. 16 28. 66	43. 92	22. 86	31. 44	23. 16	39: 84	211. 50
13. 32	14. 36	28. 66 34, 42	43. 20	22.50	32. 94	23. 76	40. 08	213. 70 257. 39
13. 04	12. 32	29.46	55. 76 52. 08	30. 33 28. 08	42. 60 36. 06	25. 56 26. 84	41. 04 41. 40	239. 28
13. 32	11. 48	30. 62	49. 36	25. 20	34. 68	20. 84	43. 08	239. 28
12. 12	11.08	27. 90	44.00	23. 04	31. 62	21. 24	38. 64	210. 20
12.96	13. 32	31. 18	49. 76	26. 82	39. 12	26. 20	39. 24	238. 60
11. 28	10.72	25. 72	41.04	22, 59	30. 90	21. 88	29. 88	194. 01
11.80	11.72	29. 52		28. 17	34. 68	22. 12	30. 96	216. 81
12. 52	13. 48	32, 48	48.00	24. 03	33. 00	20. 88	42. 36	226. 75
13. 12	12.96	34, 46	48. 88	28. 89	35, 22	26. 44	38. 76	238. 73
12.88	11. 48	30. 26	49, 52	24. 39	34. 26	22, 60	39.00	224. 39
12. 52	12, 88	31.78	48.88	27. 63	35. 16	26. 12	41. 40	236. 37
23	93—24†—	-6						

Order of				Aş at da admi	te of	Sea se in pra shi	ctice
general merit for aca- demic year	Names	State from which appointed	Date of admission			chs	
						Months	Days
242	Miller, John Mendelssohn	Michigan	May 27, 1921	19	10	11	11
113	Miller, Lermond Horton	Nebraska	Sept. 15, 1921	18	10	8	13
369	Mitchell, Hampton	Arkansas	June 24, 1921	20	2	8	13
*24	Moeller, Walter Fred	New Jersey	July 6, 1921	17	8	8	13
372 *14	Moore, Albert Sidney Moore, Carlton Herbert	Texas	May 28, 1921 June 22, 1921	19 20	2	11 8	11 13
267	Moore, John Gilman	California	June 30, 1921	18	7	8	13
308	Morrison, Carl Hawkinsmith Barnes	Missouri	June 25, 1921	19	0	. 8	13
4601	Morrison, Julian Knox, jr	Mississippi	Aug. 8, 1921	17	3	8	13
57 219	Moseley, Stanley Page Mowatt, Warren Potter	Texas	Aug. 2, 1921	18	. 10	8 8	13
133	Mumma, Morton Claire, jr	Iowa	Aug. 3, 1921 July 8, 1921	18	10 10	8	13 13
230	Munroe, Frank Asbury, jr	Maryland	July 13, 1921	17	4	8	13
*23	Murphy, John Williams, jr	Tennessee	July 9, 1921	17	7	8	13
358	Muth, Edward George	Missouri	May 27, 1921	19	5	13	11
216	Naquin, Oliver Francis	Louisiana	July 8, 1921	17	3	8	13
81 354	Nellis, Richard Eugene	New York	June 23, 1921 June 30, 1921	20 17	1 0	8	13 13
287	Nevins, Joseph Henry, jr		Aug. 12, 1921	18	6	8	13
228	Newton, Everett Phelps, jr	California	June 22, 1921	19	5	8	13
134	Newton, Wallace Sheridan	New York	June 23, 1921	18	8	8	13
204	Nickerson, Roger Brown	Maine	June 25, 1921	19	2	8	13
406	Nonweiler, Karl Herman	Indiana	May 27, 1921	19	0	11	11
412 188	Norman, Robert Gentry O'Brien, William John	Texas New York	July 31, 1920 June 29, 1921	16 20	11	11 8	11 13
349	O'Hara, James Burtle	do	June 23, 1921	19	3	8	13
363	O'Keefe, George Fellows	Michigan	July 30, 1920	16	8	8	13
132	O'Neil, Charles Henry		July 23, 1921	18	2	8	13
237	Orville, Howard Thomas	Wyoming	June 28, 1921	20	0	8	13
410 336	Overstreet, George Jackson Owers, Frank Donovan	Georgia California	July 26, 1921 June 22, 1921	19 17	3 8	8	5 13
220	Page, Waldo Augustus			19	0	8	13
461	Palmer, Robert Cameron			18	5	8	13
218	Parke, Donald Dean			19	9	8	13
39	Parker, Edward Nelson			17	1	8	13
320 128	Parker, Thomas Carroll——————————————————————————————————			17 19	10	8 8	13 13
98	Paro, Eugene Edward			17	4	8	13
392	Paul, Alan Coyle			20	0	8	13
285	Pefley, Alfred Reed			19	0	5	22
454	Peterson, Donald Alexander			19	2	8	13
31 413	Peterson, Martin Rowland Petross, Lynn Chism	. Illinois	Aug. 16, 1921 June 24, 1921	19 18	0 3	8 8	13 13
426	Phelan, George Richardson			18	8	8	13
59	Phillips, George Lincoln			16	7	8	20
343	Pickens, Harold Henry	Tennessee	June 25, 1921	19	3	8	13
60	Pickton, Willis Henry			18	10	8	13
258	Poore, John Bayard			17	5 10	8 11	13 11
388 201	Porter, Warren Franklin Pound, Harold Clay			18 17	6	8	2
83	Powell, Morgan Allen			20	1	6	21
318	Printup, Carter Alston		June 22, 1921	18	8	8	13
62	Purmort, George Lawrence	Ohio	Aug. 5, 1921	18	5	8	13

third year of their academic course-470 members-June, 1924-Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggregate third year
			ľ	Maximum	1	•	,	
16	16	40	64	36	48	32	48	300
13. 24	12.88	28. 34	46, 64	. • 25. 38	34. 98	22. 68	40. 92	225. 06
13. 40	12. 72	32. 02	50.96	25. 65	37. 14	24. 32	42.00	238. 21
12, 28	11.76	26. 56	44. 64	24. 12	32. 16	21. 92	41. 52	214, 96
13. 80	14. 12	33. 46	54. 56	29. 43	40. 56	28.64	42. 24	256. 81
11, 36	10. 72	28. 32	43. 68	22. 50	32. 04	24.08	42.00	214. 70
13. 88	13. 24	34. 18	56.00	30.87	43. 20	28. 72	41. 40	261. 49
13. 12	12.04	30. 98	46. 32	24. 30	34. 14	23. 12	39.36	223. 38
12. 08	11. 44	28. 22	44. 96	24. 84	34. 92	21. 96	42. 00	220. 42
10.84	11. 04	26.00	42.48	23. 13	30. 54	21. 20	38. 64	203, 87
13. 68	13. 56	33. 64	53. 28	29. 43	39. 36	24. 36	41. 64	248. 95
11. 64 12. 52	12. 12 13. 00	30. 20	48. 48 49. 28	24. 75	37.08	22. 04	40. 92	227. 23
13. 32	12. 08	32. 56 32. 14	48. 64	25. 38 24. 30	35. 16 34. 44	25. 04 21. 72	43. 32 39. 48	236, 26 226, 12
13. 32	13. 20	35. 58	54.80	29. 70	40. 50	27. 48	42. 48	257. 06
11. 84	11. 24	27. 80	44. 88	24. 12	34. 68	24. 36	37. 20	216. 12
12. 56	12.00	28. 78	49. 92	24. 66	35. 70	21. 36	42.48	227, 46
12. 80	13. 76	31. 92	52. 88	28. 89	38. 58	23. 28	39. 48	241. 59
12. 32	12. 40	26. 86	42.96	23. 31	32. 46	25. 72	40. 20	216, 23
13. 72	11.68	27. 56	45. 52	24. 84	32. 52	23. 16	43. 08	222. 08
11.92	12. 28	28. 60	48. 96	25. 38	36. 00	22. 84	40. 32	226. 30
12. 84	12. 96	33. 74	49.04	26. 19	37. 02	24, 52	39. 72	236. 03
13. 12	12. 72	30. 86	46. 88	25. 74	36. 30	22. 56	40. 68	228, 86
11. 92	11. 20	28. 48	41. 92	24. 12	31. 14	21. 40	41. 16	211. 34
12. 40 11. 32	11. 04 12. 92	27. 08 31. 30	44. 48 50. 00	23. 58 27. 45	31. 92	21. 92 22. 12	38. 40	210. 82
11. 32	11. 68	28. 82	44, 40	25. 74	37. 38 33. 78	21. 56	37. 44 39. 36	229. 93 216. 66
11. 44	10. 72	26. 62	46. 80	22. 86	34. 44	24. 88	37. 68	215. 44
11. 52	12. 28	30. 56	49. 76	28. 35	36. 24	28. 08	39. 48	236. 27
12.08	12. 28	29. 60	45. 12	25. 65	33. 84	23. 44	43. 32	225. 33
11. 40	12.08	27. 12	44. 88	22. 95	33. 48	21. 44	37. 80	211. 15
12.40	11. 36	30. 42	46. 56	24. 12	34. 02	22. 24	36. 96	218. 08
13. 12	11. 80	29. 30	48. 40	23, 49	35. 04	22. 24	39. 84	223. 23
11. 40	10. 28	25. 30	42. 24	22. 68	32. 22	20. 44	38. 52	203, 08
12. 00	13, 48	29. 28	46. 80	27. 18	33. 96	24. 96	39. 60	227. 26
13. 20 12. 60	13. 52 11. 72	35. 56	55. 60	29. 70 24. 21	41. 52	23. 88	39. 36	252. 34
13. 68	13. 40	27. 08 29. 28	45. 28 52. 24	24. 21 23. 94	33. 78 35. 10	24. 64 26. 28	39. 96 42. 48	219. 27 236. 40
13. 20	12. 64	31. 02	50. 16	28. 17	37. 26	24. 16	42. 48	239. 57
11, 88	11. 76	28. 12	44, 40	22. 32	31. 20	23. 20	39. 96	212. 84
12. 44	12. 12	29. 26	44. 80	25, 56	33. 12	23. 04	41. 88	222, 22
10. 72	11.04	27. 68	41. 92	22.86	31. 08	20. 84	39. 60	205. 74
13. 76	13.00	35. 14	55. 20	27.90	40. 74	27. 60	41. 04	254. 38
11. 32	11. 44	27. 08	43. 28	23, 31	31. 50	21. 36		210. 81
12. 68	10. 92	28. 14	43. 12	23. 76	31, 80	21, 64	37. 20	209. 26
12.96	13.00	34. 30	51. 36	28. 08	36. 90	27. 76	43, 44	247. 80
12. 16	12, 20	27. 98	46. 56	24, 48	32. 04	22, 24		217. 38
14. 16	13. 44 12. 60	33. 70	53, 44	27. 09	37. 38	27. 12		247. 49
12. 12 12. 08	12. 60	28. 00 26. 94	47. 44 43. 76	24. 93 24. 66	33, 36	23. 92		223, 77
13. 20	12. 52	33. 94	48, 00	24. 00	31. 56 34. 44	23. 52 22. 40		213. 36
13. 16	12. 32	31. 68	51. 20	26. 46	37. 14	25, 48	39. 60 44. 04	229. 03 241. 48
12. 28	11. 16	29. 56	46. 32	24. 75	33. 78	22, 64		219. 37
13, 64					38. 16	27. 88		246. 00

				Α.	TO.	Sea se	wwigo
Order				at da admi	te of	in pra	actice
of general		Ode de frança militali	Data of				
merit for	Names	State from which appointed	Date of admission				
aca- demic					20	zō.	
year				Years	Months	Months	Days
				Ye	Ä	Ă	- E
105	Putnam, William Howard	Idaho	June 24, 1921	17	11	8	13
*28	Pyne, Schuyler Neilson	New Jersey	May 27, 1921	17	8	11	11
386	Query, James Victor, jr	North Carolina	June 29, 1921	17	8	7	23
376	Quinn, Arthur Remmel Rahiser, Martin Stuart	Maryland Pennsylvania	June 25, 1921	17 20	7 2	8	13
393	Rainer, Gordon Benbow	Alabama	June 23, 1921 June 22, 1921	18	0	8	13 13
404	Ransom, Roy Ralph		June 24, 1921	19	6	8	13
159	Ray, Clarence C	Kentucky	June 25, 1921	18	8	8	13
171	Reamy, Thomas Gordon	Nevada	Aug. 3, 1921	18	10	8	13
456	Reeves, Isaac Stockton Keith, jr	At large	June 24, 1921	18	2	8	
421	Reith, Edward Vanderlip	New York	June 28, 1921 Sept. 14, 1920	18 17	1 10	8	13 20
138 212	Reppy, John David	Missouri	June 23, 1921	20	1	8	13
341	Reynolds, Carroll Dayne	Texas	June 30, 1921	17	8	8	13
442	Rhodes, William Kennedy		July 26, 1921	18	6	8	14
197	Rice, Herbert Paul	Massachusetts	June 22, 1921	19	2	8	13
267	Richardson, Ewart Coridan	West Virginia Michigan	Aug. 16, 1921 June 12, 1920	19.	11 9	8	13 12
416 163	Roberts, Lew Wallace	Missouri	June 27, 1921	16	4	8	13
160	Robertson, John Berry, jr	Texas	July 26, 1921	17	5	8	1
*18	Robinson, James Marshall		June 30, 1921	17	5	8	13
151	Rorschach, Anthony Lawless	At large		16	8	13	11
453	Rosenberg, Millard	California	July 26, 1921	18	10	8	13
*5 293	Ross, Delbert Amos Ryan, Charles Maurice		June 25, 1921 June 23, 1921	17 19	5	8	13 13
394	Sampson, Warren Bell		June 28, 1921	18	11	8	13
422	Schell, Russell Henry Edward			20	2	8	13
311	Schieke, Herman Edward	South Dakota		18	6	7	3
227	Schleif, Edward Llewellyn			19	2	8	13
365	Schonland, Herbert Emery Schrefer, Clarence John	Maine New York	June 9, 1920 June 25, 1921	19 18	9	11	11
464 185	Schultz, William Christian	New Jersey	Aug 15, 1921	18	1	8	13
383	Scott, John Murphy	Illinois	Aug 10, 1921	19	4	7	7
309	Scruggs, Joseph Marion	Texas	July 26, 1921	17	11	8	13
56	Seabury, Claire Clifford	Illinois	Aug 22, 1921	19	5	8	13
418	Sears, Norman Walker	Missouri Delaware	June 29, 1921	17 18	8 7	8 8	13 13
428 413	Sentman, Ralph Atkins	Ohio	June 24, 1921 July 6, 1921	18	10	8	13
t443	Shelton, Acton Artelle	Kentucky	Aug 5, 1921	18	10	8	13
*16	Shewell, Charles Tripler	Missouri	June 23, 1921	18	7	7	9
*7	Sides, John Harold	Washington	June 28, 1921	17	2	8	13
100	Sigel, Clinton Henry	1	July 19, 1921	18	2 2	8 8	13
54 361	Sihler, William Silsbee, Charles Sylvester	Indiana Michigan	July 20, 1921	18 17	8	8	13 14
183	Sima, Frederick Frank.			17	10	8	13
206	Simms, Harry Arthur			20	1	8	13
m305	Simpson, Samuel Douglas	At large	Nov 14, 1921	20	10	8	13
368	Sims, Gelzer Loyall			17	8	8	13
238	Singer, Watson Twitty Slaven, Franklin Wilber	Massachusetts West Virginia		18 18	11 2	8 8	13 13
77 *12	Sledge, Alexander	Alabama		18	1	8	13
415	Smith, Cecil Lorane			19	9	8	13
91	Smith, Chester Carl			16	7	8	13
217	Smith, Douglas Elwin	New York	Aug 13, 1921	18	2	8	13

third year of their academic course-470 members-June, 1924-Continued

16	Aggre- gate third year		Aptitude for service	Lan- guages	Electrical engineer- ing and physics	Mathe- matics	Marine engineer- ing and naval construc- tion	Naviga- tion	Ordnance	Seaman- ship
12. 44		,				Iaximum	N		,	
13. 04	300		48	32	48	36	64	40	16	16
13. 04	239. 04		42, 12	21, 60	38, 40	27, 54	50, 72	33, 70	12, 52	12, 44
12. 04	255. 19		41.40	23. 04	39.30	32. 67	56. 32	36. 50		13.04
13. 28	213.60		39.84	22.64		23. 76	43. 28			
11. 92	214. 53		37. 20				45. 84			
11. 36 11. 52 25. 52 43. 04 24. 84 32. 46 22. 88 39. 84 12. 83 11. 20 30. 52 49. 12 26. 01 33. 84 24. 60 44. 28 11. 23 11. 28 23. 26 43. 92 22. 77 32. 52 21. 16 34. 20 11. 16 11. 20 26. 06 45. 52 22. 86 31. 02 21. 84 40. 20 13. 60 11. 76 33. 58 51. 60 26. 19 35. 16 22. 16 39. 24 12. 48 12. 44 32. 24 50. 08 25. 29 35. 16 21. 16 39. 24 12. 20 12. 12 26. 70 41. 68 23. 49 32. 28 21. 20 38. 88 13. 16 12. 08 33. 54 48. 00 25. 29 32. 40 27. 96 36. 84 12. 00 12. 48 23. 70 44. 24 25. 02 33. 42 24. 80 42. 72 11. 76 11. 56 26. 94 44. 08 22. 68 32. 46 23. 08 37. 92 12. 40 12. 68 30. 24 <td< td=""><td>250.61</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4</td><td></td></td<>	250.61								4	
12. 88 12. 04 30. 52 49. 12 26. 01 33. 84 24. 60 44. 28 12. 64 11. 43 31. 26 47. 76 23. 58 36. 72 27. 32 41. 28 11. 16 11. 20 26. 06 45. 52 22. 86 31. 02 21. 84 40. 20 13. 60 11. 76 33. 58 51. 60 26. 19 35. 16 23. 52 40. 08 12. 48 12. 44 32. 24 50. 08 25. 29 35. 16 23. 52 40. 08 12. 20 12. 12 26. 70 41. 68 23. 49 32. 28 21. 20 38. 88 13. 16 12. 08 33. 54 48. 00 25. 29 32. 40 27. 96 36. 84 12. 00 12. 48 23. 70 44. 24 25. 02 33. 42 24. 80 42. 72 11. 76 11. 56 26. 94 44. 08 22. 68 32. 46 23. 08 37. 92 12. 40 12. 68 30. 24 45. 10 25. 98 32.	212.83	1							i	
12. 64 11. 48 31. 26 47. 76 23. 58 36. 72 27. 32 41. 28 11. 23 11. 120 26. 06 45. 52 22. 77 32. 52 21. 16 34. 20 11. 16 11. 20 26. 06 45. 52 22. 86 31. 02 21. 16 34. 20 13. 60 11. 76 33. 58 51. 60 26. 19 35. 16 23. 52 40. 08 12. 48 12. 49 12. 43 12. 43 12. 44 32. 24 27. 76 44. 6. 00 23. 22 35. 16 21. 16 39. 24 12. 20 12. 12 26. 70 41. 68 23. 49 32. 28 21. 20 38. 88 13. 16 12. 08 33. 54 48. 00 25. 29 32. 40 27. 96 36. 84 12. 00 12. 48 22. 08 32. 40 27. 96 36. 84 21. 40 12. 68 30. 24 44. 92 25. 02 33. 42 24. 27. 96 36. 84 12. 40 12. 68 30. 24 44. 08	211. 46									
11. 28	233, 29									
11. 16	232. 04 205. 39									
13. 60	209. 86								i	
12.48 12.44 32.24 50.08 25.29 35.16 21.16 39.24 12.20 12.12 27.78 43.60 23.22 33.72 24.04 40.80 10.96 12.12 26.70 41.68 23.49 32.28 21.20 38.88 13.16 12.08 33.54 48.00 25.29 32.40 27.96 36.84 12.00 12.48 28.70 44.24 25.02 33.42 24.80 42.72 11.76 11.56 26.94 44.08 22.68 32.46 23.08 37.92 12.40 12.68 30.24 50.16 25.92 36.30 26.32 39.12 12.20 11.76 30.02 48.00 24.48 35.82 29.60 41.40 14.24 13.56 33.52 57.12 28.89 42.24 27.92 41.52 13.48 12.76 30.00 47.76 25.11 35.52 29.60 41.40	235, 49									
12. 20 12. 12 27. 78 43. 60 23. 22 33. 72 24. 04 40. 80 10. 96 12. 12 26. 70 41. 68 23. 49 32. 28 21. 20 38. 88 13. 16 12. 08 33. 54 48. 00 25. 29 32. 40 27. 96 36. 84 12. 00 12. 48 28. 70 44. 24 25. 02 33. 42 24. 80 42. 72 11. 76 11. 56 26. 94 44. 08 22. 68 32. 46 23. 08 37. 92 12. 40 12. 68 30. 24 50. 16 25. 92 36. 30 26. 32 39. 12 12. 20 11. 76 30. 02 48. 00 24. 48 35. 82 29. 60 41. 40 14. 24 13. 56 33. 52 57. 12 28. 89 42. 24 27. 92 41. 52 13. 48 12. 76 30. 00 47. 76 25. 11 35. 52 25. 96 43. 92 10. 60 10. 76 27. 62 42. 08 23. 94 31.	228. 09									
10.96 12.12 26.70 41.68 23.49 32.28 21.20 38.88 13.16 12.08 33.54 48.00 25.29 32.40 27.96 36.84 12.00 12.48 28.70 44.24 25.02 33.42 24.80 42.72 11.76 11.56 26.94 44.08 22.68 32.46 23.08 37.92 12.40 12.68 30.24 50.16 25.92 36.30 26.32 39.12 12.20 11.76 30.02 48.00 24.48 35.82 29.60 41.45 14.24 13.56 33.52 57.12 28.89 42.24 27.92 41.52 13.48 12.76 30.00 47.76 25.11 35.52 25.96 43.92 10.60 10.76 27.62 42.08 23.94 31.56 21.44 37.80 13.76 13.56 38.30 57.92 33.21 43.02 30.16 41.52 12.72 12.20 27.40 44.80 23.40 32.22 21.40 <t< td=""><td>217.48</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	217.48									
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11. 76 11. 56 26. 94 44. 08 22. 68 32. 46 23. 08 37. 92 12. 40 12. 68 30. 24 50. 16 25. 92 36. 30 26. 32 39. 12 12. 20 11. 76 30. 02 48. 00 24. 48 35. 82 29. 60 41. 40 14. 24 13. 56 33. 52 57. 12 28. 89 42. 24 27. 92 41. 52 13. 48 12. 76 30. 00 47. 76 25. 11 35. 52 25. 96 43. 92 10. 60 10. 76 27. 62 42. 08 23. 94 31. 56 21. 44 37. 80 13. 76 13. 56 38. 30 57. 92 33. 21 43. 02 30. 16 41. 52 12. 68 11. 44 28. 42 46. 88 25. 02 22. 28. 80 40. 92 12. 72 12. 20 27. 40 44. 80 23. 40 32. 22 21. 40 38. 64 11. 03 11. 20 29. 62 42. 00 22. 77 33. 60 20. 88 38. 52 11. 76 11. 28 30. 04 47. 36	229, 27	1	36.84	27. 96	32. 40	25. 29	48.00	33. 54	12.08	13. 16
12. 40 12. 68 30. 24 50. 16 25. 92 36. 30 26. 32 39. 12 12. 20 11. 76 30. 02 48. 00 24. 48 35. 82 29. 60 41. 40 14. 24 13. 56 33. 52 57. 12 28. 89 42. 24 27. 92 41. 52 13. 48 12. 76 30. 00 47. 76 25. 11 35. 52 56. 96 43. 92 10. 60 10. 76 27. 62 42. 08 23. 94 31. 56 21. 44 37. 80 13. 76 13. 56 38. 30 57. 92 33. 21 43. 02 30. 16 41. 52 12. 68 11. 44 28. 42 46. 88 25. 02 32. 22 23. 80 40. 92 12. 72 12. 20 27. 40 44. 80 23. 40 32. 22 21. 40 38. 64 11. 08 11. 20 29. 62 42. 00 22. 77 33. 60 22. 20 39. 48 13. 28 12. 36 29. 24 50. 40 25. 83 35. 64 21. 32 38. 28 12. 23 12. 04 27. 38 <td< td=""><td>223.38</td><td></td><td>42, 72</td><td>24.80</td><td>33, 42</td><td>25, 02</td><td>44. 24</td><td>28. 70</td><td>12, 48</td><td>12.00</td></td<>	223.38		42, 72	24.80	33, 42	25, 02	44. 24	28. 70	12, 48	12.00
12. 20 11. 76 30. 02 48. 00 24. 48 35. 82 29. 60 41. 40 14. 24 13. 56 33. 52 57. 12 28. 89 42. 24 27. 92 41. 52 13. 48 12. 76 30. 00 47. 76 25. 11 35. 52 25. 96 43. 92 10. 60 10. 76 27. 62 42. 08 23. 94 31. 56 21. 44 37. 80 13. 76 13. 56 38. 30 57. 92 33. 21 43. 02 30. 16 41. 52 12. 68 11. 44 28. 42 46. 88 25. 02 32. 22 21. 40 38. 64 11. 03 11. 20 29. 62 42. 00 22. 77 33. 60 20. 88 38. 52 11. 76 11. 28 30. 04 47. 36 23. 40 32. 22 21. 40 38. 64 11. 76 11. 28 30. 04 47. 36 23. 40 32. 22 22. 30 39. 48 13. 28 12. 36 29. 24 50. 40 25. 83 35. 64 21. 32 38. 28 12. 28 12. 04 27. 38 <td< td=""><td>210, 48</td><td>1</td><td>37. 92</td><td>23. 08</td><td>32. 46</td><td>22. 68</td><td>44.08</td><td>26. 94</td><td>11. 56</td><td>11. 76</td></td<>	210, 48	1	37. 92	23. 08	32. 46	22. 68	44.08	26. 94	11. 56	11. 76
14. 24 13. 56 33. 52 57. 12 28. 89 42. 24 27. 92 41. 52 13. 48 12. 76 30. 00 47. 76 25. 11 35. 52 25. 96 43. 92 10. 60 10. 76 27. 62 42. 08 23. 94 31. 56 21. 44 37. 80 13. 76 13. 56 38. 30 57. 92 33. 21 43. 02 30. 16 41. 52 12. 88 11. 44 28. 42 46. 88 25. 02 32. 22 23. 80 40. 92 12. 72 12. 20 27. 40 44. 80 23. 40 32. 22 21. 40 38. 64 11. 03 11. 20 29. 62 42. 00 22. 77 33. 60 20. 88 38. 52 11. 76 11. 28 30. 04 47. 36 23. 40 34. 62 22. 20 39. 48 13. 28 12. 36 29. 24 50. 40 25. 83 35. 64 21. 32 38. 28 12. 28 12. 04 27. 38 44. 72 22. 50 31. 86 21. 48 42. 96 11. 00 11. 60 26. 16 <td< td=""><td>233. 14</td><td></td><td>39. 12</td><td>26. 32</td><td></td><td>25. 92</td><td>50. 16</td><td>30. 24</td><td>12. 68</td><td></td></td<>	233. 14		39. 12	26. 32		25. 92	50. 16	30. 24	12. 68	
13. 48	233. 28	1	41. 40				48. 00	30. 02	11.76	
10. 60 10. 76 27. 62 42. 08 23. 94 31. 56 21. 44 37. 80 13. 76 13. 56 38. 30 57. 92 33. 21 43. 02 30. 16 41. 52 12. 68 11. 44 28. 42 46. 88 25. 02 32. 22 23. 80 40. 92 12. 72 12. 20 27. 40 44. 80 23. 40 32. 22 21. 40 38. 64 11. 03 11. 20 29. 62 42. 00 22. 77 33. 60 20. 88 38. 52 11. 76 11. 28 30. 04 47. 36 23. 40 34. 62 22. 20 39. 48 13. 28 12. 36 29. 24 50. 40 25. 83 35. 64 21. 32 38. 28 11. 23 12. 04 27. 38 44. 72 22. 50 31. 86 21. 48 42. 96 11. 00 11. 60 26. 16 42. 00 23. 04 30. 42 20. 32 32. 24 12. 68 12. 52 30. 20 47. 60 24. 03 33.	259. 01				T.					
13. 76 13. 56 38. 30 57. 92 33. 21 43. 02 30. 16 41. 52 12. 68 11. 44 28. 42 46. 88 25. 02 32. 22 23. 80 40. 92 12. 72 12. 20 27. 40 44. 80 23. 40 32. 22 21. 40 38. 64 11. 08 11. 20 29. 62 42. 00 22. 77 33. 60 28. 88 38. 52 11. 76 11. 28 30. 04 47. 36 23. 40 34. 62 22. 20 39. 48 13. 28 12. 36 29. 24 50. 40 25. 83 35. 64 21. 32 38. 28 12. 23 12. 04 27. 38 44. 72 22. 50 31. 86 21. 48 42. 96 11. 00 11. 60 26. 16 42. 00 23. 04 30. 42 20. 32 33. 24 12. 48 11. 00 29. 86 44. 24 24. 39 33. 66 23. 52 34. 56 12. 48 11. 80 27. 58 46. 96 23. 67 33. 78 25. 60 38. 40 14. 00 13. 12 35. 34 <td< td=""><td>234. 51</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	234. 51									
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12.72 12.20 27.40 44.80 23.40 32.22 21.40 38.64 11.03 11.20 29.62 42.00 22.77 33.60 20.88 38.52 11.76 11.28 30.04 47.36 23.40 34.62 22.20 39.48 13.28 12.36 29.24 50.40 25.83 35.64 21.32 38.28 12.28 12.04 27.38 44.72 22.50 31.86 21.48 42.96 11.00 11.60 26.16 42.00 23.04 30.42 20.32 33.24 12.68 12.52 30.20 47.60 24.03 34.02 26.12 43.08 12.48 11.80 27.58 46.96 23.67 33.78 25.60 38.40 14.00 13.12 35.34 53.36 27.54 40.26 26.68 39.00 12.16 10.92 28.18 43.28 23.13 32.82 21.56 38.40	271, 45	+								
11. 08 11. 20 29. 62 42. 00 22. 77 33. 60 20. 88 38. 52 11. 76 11. 28 30. 04 47. 36 23. 40 34. 62 22. 20 39. 48 13. 28 12. 36 29. 24 50. 40 25. 83 35. 64 21. 32 38. 28 12. 28 12. 04 27. 33 44. 72 22. 50 31. 86 21. 48 42. 96 11. 00 11. 60 26. 16 42. 00 23. 04 30. 42 20. 32 33. 24 12. 68 12. 52 30. 20 47. 60 24. 03 34. 02 26. 12 43. 08 12. 48 11. 00 29. 86 44. 24 24. 39 33. 66 23. 52 34. 56 12. 48 11. 80 27. 58 46. 96 23. 67 33. 78 25. 60 38. 40 14. 00 13. 12 35. 34 53. 36 27. 54 40. 26 26. 68 39. 00 12. 16 10. 92 28. 18 43. 28 23. 13 32. 82 21. 56 38. 40 10. 96 11. 32 27. 06 <td< td=""><td>221. 38</td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td></td<>	221. 38				1					
11. 76 11. 28 30. 04 47. 36 23. 40 34. 62 22. 20 39. 48 13. 28 12. 36 29. 24 50. 40 25. 83 35. 64 21. 32 38. 28 12. 28 12. 04 27. 38 44. 72 22. 50 31. 86 21. 48 42. 96 11. 00 11. 60 26. 16 42. 00 23. 04 30. 42 20. 32 33. 24 12. 68 12. 52 30. 20 47. 60 24. 03 34. 02 26. 12 43. 08 12. 48 11. 00 29. 86 44. 24 24. 39 33. 66 23. 52 34. 56 12. 48 11. 80 27. 58 46. 96 23. 67 33. 78 25. 60 38. 40 14. 00 13. 12 35. 34 53. 36 27. 54 40. 26 26. 68 39. 00 12. 16 10. 92 28. 18 43. 28 23. 13 32. 82 21. 56 38. 40 10. 96 11. 32 27. 06 42. 48 22. 59 32. 46 20. 60 41. 64 11. 16 11. 64 27. 14 <td< td=""><td>212. 78 209. 67</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></td<>	212. 78 209. 67									1
13. 28 12. 36 29. 24 50. 40 25. 83 35. 64 21. 32 38. 28 12. 23 12. 04 27. 38 44. 72 22. 50 31. 86 21. 48 42. 96 11. 00 11. 60 26. 16 42. 00 23. 04 30. 42 20. 32 33. 24 12. 68 12. 52 30. 20 47. 60 24. 03 34. 02 26. 12 43. 08 12. 48 11. 00 29. 86 44. 24 24. 39 33. 66 23. 52 34. 56 12. 48 11. 80 27. 58 46. 96 23. 67 33. 78 25. 60 38. 40 14. 00 13. 12 35. 34 53. 36 27. 54 40. 26 26. 68 39. 00 12. 16 10. 92 28. 18 43. 28 23. 13 32. 82 21. 56 38. 40 10. 96 11. 32 27. 06 42. 48 22. 59 32. 46 20. 60 41. 64 11. 16 11. 64 27. 14 47. 44 24. 21 31. 98 20. 76 36. 48 10. 64 10. 96 26. 98 <td< td=""><td>220. 14</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	220. 14									
12. 28 12. 04 27. 38 44. 72 22. 50 31. 86 21. 48 42. 96 11. 00 11. 60 26. 16 42. 00 23. 04 30. 42 20. 32 33. 24 12. 68 12. 52 30. 20 47. 60 24. 03 34. 02 26. 12 43. 08 12. 48 11. 00 29. 86 44. 24 24. 39 33. 66 23. 52 34. 56 12. 48 11. 80 27. 58 46. 96 23. 67 33. 78 25. 60 38. 40 14. 00 13. 12 35. 34 53. 36 27. 54 40. 26 26. 68 39. 00 12. 16 10. 92 28. 18 43. 28 23. 13 32. 82 21. 56 38. 40 10. 96 11. 32 27. 06 42. 48 22. 59 32. 46 20. 60 41. 64 11. 16 11. 64 27. 14 47. 44 24. 21 31. 98 20. 76 36. 48 10. 64 10. 96 26. 98 43. 76 23. 13 31.	226. 35								3	
11. 00	215. 22									
12. 48 11. 00 29. 86 44. 24 24. 39 33. 66 23. 52 34. 56 12. 48 11. 80 27. 58 46. 96 23. 67 33. 78 25. 60 38. 40 14. 00 13. 12 35. 34 53. 36 27. 54 40. 26 26. 68 39. 00 12. 16 10. 92 28. 18 43. 28 23. 13 32. 82 21. 56 38. 40 10. 96 11. 32 27. 06 42. 48 22. 59 32. 46 20. 60 41. 64 11. 16 11. 64 27. 14 47. 44 24. 21 31. 98 20. 76 36. 48 10. 64 10. 96 26. 98 43. 76 23. 13 31. 62 21. 36 38. 76 14. 04 13. 12 35. 78 54. 32 29. 52 39. 42 29. 32 44. 04 14. 24 13. 60 36. 08 58. 80 33. 12 42. 48 112 39. 60 13. 36 12. 48 29. 80 51. 52 27. 81 38. 22 23. 60 42. 48 13. 76 13. 20 35. 52 51	197. 78	1				ì				
12. 48 11. 80 27. 58 46. 96 23. 67 33. 78 25. 60 38. 40 14. 00 13. 12 35. 34 53. 36 27. 54 40. 26 26. 68 39. 00 12. 16 10. 92 28. 18 43. 28 23. 13 32. 82 21. 56 38. 40 10. 96 11. 32 27. 06 42. 48 22. 59 32. 46 20. 60 41. 64 11. 16 11. 64 27. 14 47. 44 24. 21 31. 98 20. 76 36. 48 10. 64 10. 96 26. 98 43. 76 23. 13 31. 62 21. 36 38. 76 14. 04 13. 12 35. 78 54. 32 29. 52 39. 42 29. 32 44. 04 14. 24 13. 60 36. 08 58. 80 33. 12 42. 48 31. 12 39. 60 13. 36 12. 48 29. 80 51. 52 27. 81 38. 23 23. 60 42. 48 13. 76 13. 20 35. 52 51. 84 26. 91 39. 06 29. 80 39. 72 11. 44 11. 64 30. 26 <td< td=""><td>230, 25</td><td></td><td>43.08</td><td>26.12</td><td>34. 02</td><td>24. 03</td><td>47. 60</td><td>30, 20</td><td>12. 52</td><td>12. 68</td></td<>	230, 25		43.08	26.12	34. 02	24. 03	47. 60	30, 20	12. 52	12. 68
14.00 13.12 35.34 53.36 27.54 40.26 26.68 39.00 12.16 10.92 28.18 43.28 23.13 32.82 21.56 38.40 10.96 11.32 27.06 42.48 22.59 32.46 20.60 41.64 11.16 11.64 27.14 47.44 24.21 31.98 20.76 36.48 10.64 10.96 26.98 43.76 23.13 31.62 21.36 38.76 14.04 13.12 35.78 54.32 29.52 39.42 29.32 44.04 14.24 13.60 36.08 58.80 33.12 42.48 31.12 39.60 13.36 12.48 29.80 51.52 27.81 38.28 36.00 42.48 13.76 13.20 35.52 51.84 26.91 39.06 29.80 39.72 11.44 11.64 30.26 43.76 22.77 31.38 22.52 41.76 13.72 12.00 32.52 49.84 23.22 38.55 21.56 39.12 13.60 12.68 31.46 48.40 25.38 34.86 21.88 40.44 13.08 12.08<	213.71		34. 56	23, 52	33, 66	24. 39	44. 24	29.86	11. 00	12. 48
12.16 10.92 28.18 43.28 23.13 32.82 21.56 38.40 10.96 11.32 27.06 42.48 22.59 32.46 20.60 41.64 11.16 11.64 27.14 47.44 24.21 31.98 20.76 36.48 10.64 10.96 26.98 43.76 23.13 31.62 21.36 38.76 14.04 13.12 35.78 54.32 29.52 39.42 29.32 44.04 14.24 13.60 36.08 58.80 33.12 42.48 31.12 39.60 13.36 12.48 29.80 51.52 27.81 38.28 23.60 42.48 13.76 13.20 35.52 51.84 26.91 39.06 29.80 39.72 11.44 11.64 30.26 43.76 22.77 31.38 22.52 41.76 13.72 12.00 32.52 49.84 23.22 38.58 21.56 39.12 13.60 12.68 31.46 48.40 25.38 34.86 21.88 40.44 13.08 12.08 27.22 48.80 23.04 33.30 21.88 41.64	220, 27		38. 40	25. 60	33. 78	23, 67	46. 96	27. 58	11.80	12.48
10.96 11.32 27.06 42.48 22.59 32.46 20.60 41.64 11.16 11.64 27.14 47.44 24.21 31.98 20.76 36.48 10.64 10.96 26.98 43.76 23.13 31.62 21.36 38.76 14.04 13.12 35.78 54.32 29.52 39.42 29.32 44.04 14.24 13.60 36.08 58.80 33.12 42.48 31.12 39.60 13.36 12.48 29.80 51.52 27.81 38.28 23.60 42.48 13.76 13.20 35.52 51.84 26.91 39.06 29.80 39.72 11.44 11.64 30.26 43.76 22.77 31.38 22.52 41.76 13.72 12.00 32.52 49.84 23.22 38.58 21.56 39.12 13.60 12.68 31.46 48.40 25.38 34.86 21.88 40.44 13.08 12.08 27.22 48.80 23.04 33.30 21.88 41.28 12.76 10.76 27.72 44.88 23.58 32.76 20.88 41.64	249. 30									i
11. 16 11. 64 27. 14 47. 44 24. 21 31. 98 20. 76 36. 48 10. 64 10. 96 26. 98 43. 76 23. 13 31. 62 21. 36 38. 76 14. 04 13. 12 35. 78 54. 32 29. 52 39. 42 29. 32 44. 04 14. 24 13. 60 36. 08 58. 80 33. 12 42. 48 31. 12 39. 60 13. 36 12. 48 29. 80 51. 52 27. 81 38. 23 23. 60 42. 48 13. 76 13. 20 35. 52 51. 84 26. 91 39. 06 29. 80 39. 72 11. 44 11. 64 30. 26 43. 76 22. 77 31. 38 22. 52 41. 76 13. 72 12. 00 32. 52 49. 84 23. 22 38. 58 21. 56 39. 12 13. 60 12. 68 31. 46 48. 40 25. 38 34. 86 21. 88 40. 44 13. 08 12. 08 27. 22 48. 80 23. 04 33. 30 20. 21. 88 41. 28 12. 76 10. 76 27. 72 44. 88 23. 58 32. 76 20. 88 41. 64	210. 45					- 0				
10. 64 10. 96 26. 98 43. 76 23. 13 31. 62 21. 36 38. 76 14. 04 13. 12 35. 78 54. 32 29. 52 39. 42 29. 32 44. 04 14. 24 13. 60 36. 08 58. 80 33. 12 42. 48 31. 12 39. 60 13. 36 12. 48 29. 80 51. 52 27. 81 38. 28 23. 60 42. 48 13. 76 13. 20 35. 52 51. 84 26. 91 39. 06 29. 80 39. 72 11. 44 11. 64 30. 26 43. 76 22. 77 31. 38 22. 52 41. 76 13. 72 12. 00 32. 52 49. 84 23. 22 38. 58 21. 56 39. 12 13. 60 12. 68 31. 46 48. 40 25. 38 34. 86 21. 88 40. 44 13. 08 12. 08 27. 22 48. 80 23. 04 33. 30 20. 88 41. 64 12. 76 10. 76 27. 72 44. 88 23. 58 32. 76 20. 88 41. 64	209. 11									
14. 04 13. 12 35. 78 54. 32 29. 52 39. 42 29. 32 44. 04 14. 24 13. 60 36. 08 58. 80 33. 12 42. 48 31. 12 39. 60 13. 36 12. 48 29. 80 51. 52 27. 81 38. 23 23. 60 42. 48 13. 76 13. 20 35. 52 51. 84 26. 91 30. 06 29. 80 39. 72 11. 44 11. 64 30. 26 43. 76 22. 77 31. 38 22. 52 41. 76 13. 72 12. 00 32. 52 49. 84 23. 22 38. 58 21. 56 39. 12 13. 60 12. 63 31. 46 48. 40 25. 38 34. 86 21. 88 40. 44 13. 08 12. 08 27. 22 48. 80 23. 04 33. 30 21. 88 41. 23 12. 76 10. 76 27. 72 44. 88 23. 58 32. 76 20. 88 41. 64	210.81									
14. 24 13. 60 36. 08 58. 80 33. 12 42. 48 31. 12 39. 60 13. 36 12. 48 29. 80 51. 52 27. 81 38. 23 23. 60 42. 48 13. 76 13. 20 35. 52 51. 84 26. 91 39. 06 29. 80 39. 72 11. 44 11. 64 30. 26 43. 76 22. 77 31. 38 22. 52 41. 76 13. 72 12. 00 32. 52 49. 84 23. 22 38. 58 25. 66 39. 12 13. 60 12. 68 31. 46 48. 40 25. 38 34. 86 21. 88 40. 44 13. 08 12. 08 27. 22 48. 80 23. 04 33. 30 21. 88 41. 23 12. 76 10. 76 27. 72 44. 88 23. 58 32. 76 20. 88 41. 64	207. 21 259. 56				- 1					
13. 36 12. 48 29. 80 51. 52 27. 81 38. 28 23. 60 42. 48 13. 76 13. 20 35. 52 51. 84 26. 91 39. 06 29. 80 39. 72 11. 44 11. 64 30. 26 43. 76 22. 77 31. 88 22. 52 41. 76 13. 72 12. 00 32. 52 49. 84 23. 22 38. 58 21. 56 39. 12 13. 60 12. 68 31. 46 48. 40 25. 38 34. 86 21. 88 40. 44 13. 08 12. 08 27. 22 48. 80 23. 04 33. 30 21. 88 41. 28 12. 76 10. 76 27. 72 44. 88 23. 58 32. 76 20. 88 41. 64	269.04					- 1				
13. 76 13. 20 35. 52 51. 84 26. 91 39. 06 29. 80 39. 72 11. 44 11. 64 30. 26 43. 76 22. 77 31. 38 22. 52 41. 76 13. 72 12. 00 32. 52 49. 84 23. 22 38. 58 21. 56 39. 12 13. 60 12. 68 31. 46 48. 40 25. 38 34. 86 21. 88 40. 44 13. 08 12. 08 27. 22 48. 80 23. 04 33. 30 21. 88 41. 28 12. 76 10. 76 27. 72 44. 88 23. 58 32. 76 20. 88 41. 64	239, 33									
11. 44 11. 64 30. 26 43. 76 22. 77 31. 38 22. 52 41. 76 13. 72 12. 00 32. 52 49. 84 23. 22 38. 58 21. 56 39. 12 13. 60 12. 68 31. 46 48. 40 25. 38 34. 86 21. 88 40. 44 13. 08 12. 08 27. 22 48. 80 23. 04 33. 30 21. 88 41. 28 12. 76 10. 76 27. 72 44. 88 23. 58 32. 76 20. 88 41. 64	249. 81									
13.72 12.00 32.52 49.84 23.22 38.58 21.56 39.12 13.60 12.68 31.46 48.40 25.38 34.86 21.88 40.44 13.08 12.08 27.22 48.80 23.04 33.30 21.88 41.28 12.76 10.76 27.72 44.88 23.58 32.76 20.88 41.64	215. 53							j.		
13. 60 12. 68 31. 46 48. 40 25. 38 34. 86 21. 88 40. 44 13. 08 12. 08 27. 22 48. 80 23. 04 33. 30 21. 88 41. 28 12. 76 10. 76 27. 72 44. 88 23. 58 32. 76 20. 88 41. 64	230. 56									
13. 08 12. 08 27. 22 48. 80 23. 04 33. 30 21. 88 41. 28 12. 76 10. 76 27. 72 44. 88 23. 58 32. 76 20. 88 41. 64	228.70				-					
12.76 10.76 27.72 44.88 23.58 32.76 20.88 41.64	220.68									
12. 24	214. 98			20, 88					10.76	12.76
	225. 26									
13. 72 12. 84 30. 88 51. 36 26. 37 37. 26 24. 28 45. 24	241.95									
13. 96 13. 64 35. 82 54. 88 32. 67 42. 24 27. 64 41. 40	262, 25				- 1					
11. 40 11. 00 26. 58 42. 96 23. 13 32. 64 21. 72 41. 16	210. 59									
12. 64 11. 52 33. 66 51. 04 27. 81 35. 64 25. 84 42. 00 13. 04 12. 16 32. 26 45. 36 23. 58 34. 14 23. 88 42. 96	240. 15 227. 38									

general merit for aca- demic year	Names	State from which appointed	Date of				
year			admission		50		
				Years	Months	Months	Days
190	Smith, Haralson Ferguson	Mississippi	June 25, 1921	17	7	8	13
397	Smith, James McDonald	Pennsylvania	July 26, 1921	19	· 1	8	2
109	Smith, James Stuart, jr	New Hampshire	June 23, 1921	16	7	8	13
dd359 97	Smith, Leicester Richard Smith, Rodman Davis	Ohio Georgia	July 13, 1921 July 19, 1921	20 18	0	5 8	19 13
350	Smith, Royal Stephen	Connecticut	June 24, 1921	16	3	8	13
198	Smith, Russell Simonds	California	Oct 4, 1921	19	1	8	13
135	Smith, Stirling Patterson	Missouri	June 23, 1921	16	10	8	13
93	Snedeker, James	Georgia	July 19, 1921	17	11	8	13
221	Sowell, Jesse Clyburn	South Carolina	July 8, 1921	17	9	8	13
67	Spiller, John Herman	Illinois		17	0	8	13
275	Standley, William Harrison, jr Steele, John William	At large Louisiana	June 24, 1921	17	6	8	13
181 r188	Stephens, James Marion	Nebraska	June 28, 1921 Oct 3, 1921	17 18	6 4	8	13 13
286	Stickney, Fred Russell	Michigan	July 19, 1921	19	1	8	13
208	Stillman, John Hillard	North Dakota	June 23, 1921	16	10	8	13
254	Stolz, Francis Roland	Wisconsin	June 29, 1921	18	4	7	9
334	Stone, Hamilton Laurie	New York	June 25, 1921	19	2	8	13
*25	Straub, William Clendon	Ohio	June 28, 1921	16	7	8	3
52	Strong, Walter Hartridge	Georgia	Aug 9, 1921	17	11	8	13
104	Stryker, Joe Warren	Washington	June 25, 1921	17	6	8	4
29 i460	Stubbs, Daniel Sturcken, William August	Nebraska Louisiana	June 23, 1921 May 27, 1921	17 17	8 5	8 5	13 19
235	Sugnet, Lee Farrand	Oregon	Sept. 22, 1921	18	2	8	13
295	Sullivan, Cornelius Martin	Pennsylvania	June 28, 1921	18	8	8	13
103	Sullivan, Eugene Dennis	New Jersey	June 25, 1921	16	11	8	13
355	Swinburne, Edwin Robinson	Rhode Island	July 19, 1921	17	2	8	13
322	Sylvester, Malcolm Duncan	Louisiana	July 29, 1921	16	5	8	13
373	Tarbox, George Edward, jr	Connecticut		18	4	8	13
87	Taylor, Edmund Battelle	Ohio	June 23, 1921	17 16	3	4	24
281 451	Taylor, James Davis, 3d Terry, Winthrop Eugene	Kansas New York	July 13, 1921 June 23, 1921	18	11 0	8	13 13
112	Thomas, Francis James	do	July 26, 1921	16	9	8	13
85	Thomas, Thomas Carson	Kansas	July 13, 1921	18	2	8	13
395	Thompson, Arthur Boughton	Maryland	May 27, 1921	20	2	11	11
366	Thompson, William Kenneth	Wisconsin	June 29, 1921	17	3	8	13
377	Thomson, Hugh Pollard	Louisiana	June 22, 1921	18	2	8	13
302	Thorington, Alexander Clark	Alabama		17	9	8	13
283 213	Thornton, Reuben Thomas, jr Tibbitts, Frank Pixley	South Carolina Ohio		17 18	4 2	8	13 13
173	Timberlake, Frank Sommer	Virginia		18	8	8	13
* 20	Todd, George Lloyd	Michigan		18	11	8	13
175	Tolman, Charles Edward, jr	Massachusetts		18	0	8	13
166	Tonseth, Thomas Henry	Alaska		17	9	8	13
58	Trainer, Horace Gilbert	Pennsylvania		19	3	8	13
f102	Triebe, Edward James	New York	Sept. 20, 1921	19	0	8	4
236 * 19	Truesdell, William Hial Trumble, Edward John	Illinois Vlrginia	July 8, 1921 June 25, 1921	17 19	7 2	8	13 13
462	Truxall, Charles Wible	Ohio	June 28, 1921	19	6	8	13
36	Tucker, Dundas Preble	New York	July 21, 1921	19	3	8	13
72	Tullsen, Waldo	Michigan		19	7	7	15
289	Turner, Robertson Hill	Texas	June 18, 1920	18	7	11	11
246	Turney, William Little	Ohio	May 27, 1921	17 17	8	11 5	11 22

third year of their academic course—470 members—June, 1924—Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
			ı ı	Maximum	1			
16	16	40	64	36	48	32	48	300
12. 96	12. 56	29. 00	48. 00	23. 94	32. 70	28. 00	42. 72	229.
12.12	11. 04	26. 94	45. 36	22.77	31. 20	22, 80	40. 32	212.
14. 36	12. 64	35. 32	51, 28	25, 47	36. 00	20. 84	42. 60	238.
12.36	11. 56	27. 20	44, 80	23. 04	32, 82	22, 60	41. 64	216.
12. 80	12. 76	31. 66	52. 88	28. 17	38. 16	23. 48	39. 84	239.
12.76	12. 28	27. 54	46. 00	24, 21	34. 20	22, 72	36. 84	216.
12. 36	11.08	31. 26	45, 68	26. 73	38. 10	22. 84	41. 04	229.
12. 64	12. 92	33. 84	49. 44	26. 37	36. 36	24. 72	39. 72	236.
12, 28	12.68	34. 64	49, 44	29. 52	37. 62	23. 80	40. 08	240
12. 96 13. 12	12. 20 12. 68	28. 70 35. 18	48. 24 51. 60	24. 93 29. 43	34. 20 38. 64	25. 44 25. 12	40. 32 39. 12	226 244
13. 24	11. 48	28. 66	46. 24	24. 93	33. 24	23. 36	41. 76	222
13. 40	13. 80	30. 82	48. 48	25. 65	33, 24	26. 52	38.76	230
12. 20	14. 36	34. 94	47. 68	24. 39	35. 76	23. 04	37. 56	229
12. 76	11. 88	29. 60	47. 52	23. 40	34. 02	20. 80	42. 12	222
12. 60	13. 08	31, 26	48. 96	26, 64	34. 08	24, 28	37. 68	228
12. 12	12. 40	32. 06	48. 48	24. 84	35. 52	20. 76	37. 80	223
12. 24	11. 32	28. 54	43, 44	23. 58	32, 22	25. 12	41.88	218
13.72	14. 08	35. 34	56. 88	31. 41	41. 22	24. 92	38. 76	256
12.96	13. 52	35. 00	52. 72	29.70	40. 56	24. 84	40. 68	249
13.08	12. 64	33. 64	50. 24	25. 02	36.06	24. 84	43. 56	239
13, 12	13. 56	35. 56	52. 80	29. 43	42. 54	26. 56	41. 04	254
10.96	10. 84	27. 08	38. 48	23. 49	28. 92	23. 60	40. 68	204
12. 16	12. 28	28. 88	46. 16	24.03	35. 28	25. 28	41. 40	225
12. 56	12. 36	30. 90	46. 96	23. 76	34. 26	21. 96	38. 52	221
12. 48	13. 04	32. 76	50. 64	26. 37	37. 68	27. 04	39. 12	239
12.08	11.76	29. 04	40. 96	22. 50	30. 48	27. 76	41. 64	216
13.00	11.96	28. 42	47. 12	24, 12	34. 74	22. 08	37. 80	219
12. 08	11. 28	29, 48	42. 56	23. 13	31. 68	24. 36	40. 08	214
13. 44 12. 60	13. 20 11. 96	32. 48 30. 92	51.12	24. 75	37. 86	22. 32	45. 24	240
12. 00	12, 24	26, 16	45. 12 41. 28	24. 21 23. 40	34. 26	22. 28	41. 28	222
12. 88	12. 36	33. 20	50. 16	26. 19	31. 38 37. 20	20. 60 24. 84	39. 00 41. 52	206 238
12.60	12. 80	31, 52	51. 04	27. 27	38. 70	25. 52	41. 76	241
12. 68	11, 24	26. 04	46. 16	23. 22	30. 18	20. 36	42. 84	212
11.88	11. 20	30. 82	44. 00	26. 82	33. 84	21. 72	34. 92	215
11.60	10. 92	27. 06	45. 52	24. 66	33. 18	22. 68	38. 88	214
11.40	12. 56	27. 08	46. 48	25. 20	34. 38	21. 44	42. 36	220
12. 12	11. 68	31.04	47. 52	25. 83	34. 92	20.44	39. 00	222
12. 64	11. 60	29. 44	49. 20	26. 19	35. 64	22. 32	40. 92	227.
12. 56	12. 16	28. 34	48. 08	26. 10	36. 42	23. 12	44. 88	231.
13.76	13. 68	34, 68	54, 72	30. 51	40. 08	30.08	40. 92	258.
13. 12	12. 36	29. 36	48, 80	24. 30	33. 36	28. 36	41. 88	231.
12. 76	12. 24	32. 42	47. 28	23. 49	35. 22	26. 72	42.84	232.
12. 80	12.96	35. 44	54. 64	28, 62	38, 22	23. 68	42. 32	248.
13. 12	12. 36	31. 52	50. 88	27. 99	36. 60	27. 80	38. 88	239.
12. 28	11,76	31. 76	48. 08	25. 56	35. 10	22. 16	38. 76	225
14. 24 11. 24	13. 16	34. 92	53. 92	29. 43	39. 90	30. 44	42. 72	258.
12.96	11. 44 13. 40	27. 24 33. 34	40. 56 53. 60	22. 68	32. 76 43. 38	20. 40	36. 72	203.
12. 12	13. 40	32. 24	55. 68	28. 98		23. 92	43. 56	253.
12. 12	12.04	27. 96	46. 80	27. 72 24. 12	36. 72 32. 76	25. 36	39. 24	242.
11. 92	13. 20	31. 08	45. 84	25. 20	36. 18	25. 16 21. 16	40. 20 39. 96	221. 224.
12. 76	12. 48	28. 28	47. 36	23. 58	33. 36	21. 10	33. 00	212.

Order of general merit for aca-	Names	State from which appointed	Date of admission	Aş at da admi	te of	Sea service in practice ships	
demic year				Years	Months	Months	Days
149	Tweedy, Edmund	Wisconsin	June 9, 1920	17	1	11	11
174	Tyree, David Merrill	Kentucky	June 29, 1921	17	5	8	13
34	Uhlig, Frank Julius	New Jersey	June 23, 1921	19	5	2	24
315	Vanasse, Roland Benjamin	Rhode Island	June 28, 1921	18	1	8	13
186	Van Metre, Merle	Nevada	Aug. 2, 1921	18	6	8	13
74	van Nagell, John Rensselaer	do	July 13, 1921	16	8	8	4
m177	Varian, Donald Cord	At large	Nov. 10, 1921	20	8	8	13
357	Veeder, William Schuetze	Illinois	July 2, 1921	18	5	8	13
32	Voge, Richard George	do	June 22, 1921	17	2	8	13
153	von Kleeck, Ernest St. Clair, jr	Cklahoma	June 24, 1921	20	1	8	13
307	Wagner, Harry	Illinois	June 28, 1921	19	5	8	14
66	Walker, Edward Keith	Maine	July 19, 1921	16	10	8	13
48	Wallace, Lewis	Texas	June 28, 1921	16	10	8	13
152	Wanglin, Byron Chase, jr	Missouri	do	18	6	8	13
95	Warder, Frederick Burdett	West Virginia	June 24, 1921	17	3	8	13
282	Waterman, Hawley Chapel	New York	June 25, 1921	18	2	8	13
160	Waters, Hubert Temple	Texas	June 28, 1921	18	10	8	13
215	Weeks, Charles Stillman	At large	June 24, 1921	16	5	8	13
255	Wellings, Joseph Harold	Massachuestts	Sept. 7, 1921	18	4	8	5
447	West, Marvin Justice	South Carolina	June 24, 1921	18	1	8	13
84 40	Weston, Lee Truax	Michigan New York	Aug 5, 1921	18	11	8	13
306	Wheelock, Austin Wadsworth White, Philip	California	June 23, 1921 Aug 5, 1921	18 19	10	8	13
240	Wickizer, Vernon Dale	do	Sept 1, 1921	17	4	8	13
240	Williams, Frederick Paul	Alabama	June 24, 1921	18	5	8	13
145	Williams, Knowlton	Indiana	July 16, 1921	16	4	8	13
253	Williamson, Sidney Roosevelt	Kansas	June 22, 1921	18	9	8	13
356	Willingham, Joseph Harris, jr	Alabama	June 24, 1921	16	3	8	13
167	Wilson, George Alexander, 3d	Illinois	June 22, 1921	17	2	8	13
314	Wilson, Joseph Edgar	Indiana	do	19	1	8	13
202	Wishart, Clifton Armfield	New York	June 23, 1921	19	5	7	23
458	Wogan, Rene Stevens	Louisiana	July 26, 1921	17	7	8	13
324	Wolcott, Theodore	Iowa	June 22, 1921	19	9	8	13
325	Wood, Hunter, jr	Kentucky	June 25, 1921	19	0	8	13
264	Wright, Bennett Wood	Arkansas	July 16, 1921	.17	5	8	13
*8	Wright, Fremont Bruce	Washington	June 24, 1921	17	5	7	12
125	Wright, George Charles	Ohio	do	18	11	8	13
-191	Wright, William Leslie	Texas	Aug 9, 1921	19	1	8	13
243	Zitzewitz, Elmer Kurz	Illinois	June 10, 1920	17	11	11	12
63	Zuber, Adolph	New Jersey	June 25, 1921	18	8	6	10

third year of their academic course-470 members-June, 1924-Continued

Seaman- ship	Ordnance	Naviga- tion	Marine engineer- ing and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
			1	Maximum				
16	16	40	64	36	48	32	48	300
13. 44	12. 60	31. 48	49. 84	23. 94	36. 00	22.84	44. 52	234, 66
12.72	11.92	29, 94	48. 96	25, 02	35, 22	25. 08	42, 72	231, 58
13, 52	13, 36	34, 80	55. 84	30, 96	39, 96	25, 84	39, 60	253, 88
11. 80	11.64	29, 42	43. 92	23. 76	31.80	26. 24	40, 92	219, 50
11.76	12.60	31.00	50. 08	26. 01	35. 70	23. 84	39. 12	230. 11
13. 84	12. 28	30. 50	51.44	27. 90	38. 10	25. 96	42. 36	242.38
11. 96	12.80	32. 98	46. 72	25. 65	36. 00	23. 72	41. 64	231. 47
12. 64	12.40	28. 74	43. 84	24. 84	32.40	21. 20	40.08	216. 14
13. 04	13. 36	36. 48	54. 48	30. 33	41. 64	24. 24	40. 80	254. 37
11.84	11, 12	34. 12	50. 56	28. 98	39. 54	21.72	36, 36	234. 24
12. 12	11. 40	29. 52	46. 16	25. 02	32. 46	23. 64	40. 32	220, 64
12.96	13. 32	34. 64	51.04	27. 00	39. 78	26.04	40.68	245. 46
14. 16	12. 88	32. 58	51. 44	30. 24	38. 58	29. 24	41. 16	250. 28
12.88	12.64	30. 88	49. 60	25. 92	39. 24	23. 04	40. 20	234. 40
12.88	11.96	33. 74	48. 40	25. 83	37. 14	27. 20	42. 72	239.87
12. 60	12. 56	30.86	45. 36	24. 93	33. 90	23. 28	39. 12	222.61
12. 76	11. 12	30. 50	48. 72	27. 72	38. 70	25. 12	38. 64	233. 28
12.08	12. 20	33. 02	48. 72	26. 19	32. 94	21. 60	40. 92	227. 67
13. 32	11.40	28. 38	46. 08	23. 85	33. 48	23. 56	43. 80	223, 87
10. 64	11.04	29. 72	42.24	22. 68	32. 16	21.68	36. 24	206.40
13. 32	13. 68	33. 14	49. 92	26. 46	37. 38	24. 56	42.84	241. 30
13. 76	12.76	33. 36	55. 68	27. 99	39.66	24. 60	43. 92	251.73
12.16	11. 72	28. 56	45. 60	25. 65	34. 14	27. 56	35. 28	. 220. 67
12. 72	12. 76	28.44	49. 60	25. 56	34. 26	21. 96	39. 84	225. 14
13. 08	11. 56	30. 38	47. 28	24. 93	35. 64	22. 12	40.08	225. 07
13. 16	12. 04	32. 58	49. 52	27. 63	36. 48	24.88	38. 52	234. 81
12. 08	10.88	30. 88	45. 36	23. 67	35. 46	26. 24	39. 48	224. 05
11. 24	10.80	29. 34	49. 36	23. 67	34. 38	20. 76	36.60	216. 15
13. 20	11.96	30.34	46. 88	27. 45	37. 62	24. 32	41. 16	232. 93
11.08	11.88	30.84	44. 96	24. 30	34. 98	23. 48	38.04	219. 56
12. 16	13. 12	32. 38	47.84	25. 56	34. 92	22. 92	40.08	228. 98
10.96	11. 20	25. 40	40. 24	22. 77	30.06	28. 36	35. 52	204. 51
11. 56	12, 12	29. 14	46. 32	24. 84	33. 66	21. 04	40. 32	219. 00
12.36	11. 92	28. 24	46. 96	22. 23	33. 84	22, 28	41. 16	218. 99
11.56	11.60	29. 62	45. 92	23. 76	33. 24	26. 28	41. 52	223. 50
14. 28	13. 68	36. 70	57. 60	32. 49	44. 22	27. 48	41.64	268. 09
13.08	13. 12	34. 48	50. 16	25. 47	37. 32	21.84	41. 28	236. 75
12.88	12. 20	29. 98	47. 92	24. 48	34.44	27. 84	40.08	229. 82
13.08	11. 52	32.00	47. 44	24. 39	37. 32	21. 04	38. 16	224. 95
12. 04	12. 72	31. 74	50. 64	27.72	37. 38	29. 20	44. 52	245. 96

Mata Addison, Edward Spencer North Carolina July 18, 1922 17 17 17 18 19 19 19 19 19 19 19				1		
Abele, Mannert Lincoln	of general merit	Names			Age a adn	t date of nission
Year Year	aca-		appointed	damicolon		
349					Voors	Months
Adair, Charles					1 cars	Months
Adair, Charles						
Adair, Charles	240	Abele Mannert Lincoln	Maggachugatta	Turms 01 1000	10	11
467 Adams, Charles Baird						3
Mata Addison, Edward Spencer North Carolina July 18, 1922 19 19 19 19 19 19 19	,					2
Addison, Edward Spencer. North Carollina July 18, 1922 17 11 439 Agnew, Dwight Merle Ohio June 23, 1921 19 6 6 6 6 6 6 6 6 6						4
Attkens, Lloyd John Sidney			North Carolina	July 18, 1922	17	11
Alba, Bienvenido Mobo.						6
109 Albertson, Donald Grieve New Jersey June 21, 1922 19 11 36 Alexander, Donald William Illinois June 16, 1922 17 39 362 Allen, William Gleason Ohio July 11, 1922 18 2 205 Anderson, William Lovett Georgia June 16, 1922 17 7 7 7 7 7 7 7 7						9
Alexander, Donald William						1
Allen, William Gleason						
205 Anderson, William Lovett. Georgia June 16, 1922 17 17 17 18 18 19 18 19 18 19 19						
**2 Anderson, William Wallace, Jr. Kentucky. June 14, 1922 17 331 Armentrout, Erasmus Wilson, jr. Virginia. June 15, 1922 18 345 Armstrong, Robert Gordon. Illinois. June 13, 1922 18 345 Armstrong, Robert Gordon. New York. June 21, 1922 20 3469 Asserson, William Christian, jr. Indiana. July 18, 1922 19 360 Baker, Gerald Davey. Michigan. June 15, 1922 19 361 Baker, Robert de Coursey. Massachusetts. June 16, 1922 17 362 Banks, Neill Kramer. Georgia. June 20, 1922 19 363 Banks, Neill Kramer. Georgia. June 30, 1922 19 364 Benjamin, Albert. New Hampshire. June 14, 1922 18 365 Benjamin, Albert. New Hampshire. June 16, 1922 18 366 Bengeron, Haze Joseph. Louisiana. June 13, 1922 18 367 Bernet, Albert Edward, jr. Missouri. July 3, 1922 18 368 Bernet, Albert Edward, jr. Missouri. July 3, 1922 18 369 Bernet, Albert Edward, jr. Missouri. July 3, 1922 18 360 Bergeron, Haze Joseph. Louisiana. June 13, 1922 19 361 Bernet, Speph. Louisiana. June 14, 1922 18 362 Bernstein, Henry Emil. Floridado 17 361 Bidwell, Edmund Frederick. New York. June 14, 1922 18 362 Bierer, Bion Barnett, jr. At large. June 16, 1922 17 363 Bierer, Bion Barnett, jr. At large. June 16, 1922 17 364 Bieker, Francis Loudon. Ohio. June 28, 1922 19 365 Boaz, Richard McFall. Kentucky. June 29, 1922 19 366 Black, Hugh David. New Jersey. June 20, 1922 19 367 Bolling, Theodore Dixon. Oklahoma. Sept. 2, 1922 18 368 Bilinn, Welford Charles. Ohio. June 14, 1922 19 369 Boyle, Charles Leo. Massachusetts. June 16, 1922 17 369 Boyle, Charles Leo. Massachusetts. June 16, 1922 17 360 Brawer, James Theodore. New York. June 21, 1922 18 361 Braneman, Leonard. Indiana. June 15, 1922 17 362 Braneman, Leonard. Indiana. June 15, 1922 17 363 Briner, Charles Emil. New York. June 20, 1922 18 364 Braneman, Leonard. Indiana. June 15, 1922 17 365 Branessach, Clearnee. Louisiana. June 15, 1922 17 367 Briner, Charles Emil. New York. June 21, 1922 19 368 Briner, Charles Emil. New York. June 21, 1922 19 369 Brewer, James Theodore. New York. June						2
Tennessee	*2				17	7
345 Armstrong, Robert Gordon Illinois		Armentrout, Erasmus Wilson, jr		June 15, 1922	18	1
155						1
Asserson, William Christian, jr						1
176				· · · · · ·		1
Baker, Gerald Davey				, ,		
Ballman, Howard Edward Missouri June 16, 1922 17 10 17 10 18 18 19 19 19 19 19 19			-			
Balkan, Howard Edward Missouri June 20, 1922 19 326 Banks, Neill Kramer Georgia June 30, 1922 19 108 Barker, Nathaniel Charles Tennessee Sept. 2, 1922 19 3 34 Benjamin, Albert New Hampshire June 14, 1922 18 00 101 Benner, Kenneth Wachter Ohio June 16, 1922 18 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 19 10 14 1922 17 10 14 1922 17 18 18 19 19 19 19 10 10 10 10			_			10
Barker, Nathaniel Charles	470		Missouri		19	9
Benjamin, Albert				June 30, 1922		1
101 Benner, Kenneth Wachter Ohio						
Bergeron, Haze Joseph			_		- 1	4
Bernet, Albert Edward, jr Missouri July 3, 1922 18 224 Bernstein, Henry Emil Florida do 17 7 7 7 7 7 7 7 7						1
Bernstein, Henry Emil	1					
Bidwell, Edmund Frederick New York June 14, 1922 18 18 19 18 19 18 19 19	-					7
Bierer, Bion Barnett, jr	493				- 1	2
Bird, Joseph Lenoir		Biederman, Karl Joseph	do	June 27, 1922	17	3
Sept. 2, 1922 18 10						
488 Birtwell, Daniel Thomas, jr. West Virginia Sept. 2, 1922 18 10 162 Black, Francis Loudon Ohio June 28, 1922 19 2 405 Black, Hugh David New Jersey June 20, 1922 19 0 410 Black, John Ferguson Oklahoma Sept. 2, 1922 18 7 38 Blinn, Welford Charfes Ohio June 14, 1922 19 8 225 Boaz, Richard McFall Kentucky June 29, 1922 17 5 185 Boileau, Almerian Robinson New York June 21, 1922 18 5 507 Bolling, Theodore Dixon Oklahoma June 14, 1922 17 9 *17 Boorse, Henry Abraham Pennsylvania June 15, 1922 17 9 433 Boughton Edward James, 3d Colorado June 17, 1922 19 2 272 Boyle, Charles Leo Massachusetts June 16, 1922 18 11 256 Brady, Upton Slingluff, jr South Dakota </td <td>57</td> <td>Bird, Joseph Lenoir</td> <td></td> <td>do</td> <td>17</td> <td>1</td>	57	Bird, Joseph Lenoir		do	17	1
Black, Francis Loudon	400	District Daniel Thomas is		Sont 9 1000	10	10
Hard High David New Jersey June 20, 1922 19 19 19 10 10 19 19 10 10			_			1
Black, John Ferguson					- 1	1
225 Boaz, Richard McFall Kentucky June 29, 1922 17 5 185 Boileau, Almerian Robinson New York June 21, 1922 18 5 507 Bolling, Theodore Dixon Oklahoma June 14, 1922 17 9 *17 Boorse, Henry Abraham Pennsylvania June 15, 1922 17 9 343 Boughton Edward James, 3d Colorado June 17, 1922 19 2 272 Boyle, Charles Leo Massachusetts June 16, 1922 18 11 256 Brady, Upton Slingluff, jr South Dakota June 21, 1922 18 8 462 Branneman, Leonard Indiana June 15, 1922 19 9 93 Brewer, James Theodore New York June 20, 1922 16 6 *3 Briner, Charles Emil New Jersey June 15, 1922 17 11 91 Broussard, Clarence Louisiana June 21, 1922 19 9	410				18	7
185 Boileau, Almerian Robinson New York June 21, 1922 18 5 5 5 5 7 5 7 8 5 5 7 8 5 5 7 8 5 7 8 5 7 8 6 7 7 8 7 7 8 7 7 8 7 7	38	Blinn, Welford Charles			19	
507 Bolling, Theodore Dixon		·				1
*17 Boorse, Henry Abraham Pennsylvania June 15, 1922 17 9 343 Boughton Edward James, 3d Colorado June 17, 1922 19 2 272 Boyle, Charles Leo Massachusetts June 16, 1922 18 11 256 Brady, Upton Slingluff, ir South Dakota June 21, 1922 18 8 462 Branneman, Leonard Indiana June 15, 1922 19 9 93 Brewer, James Theodore New York June 20, 1922 16 6 *3 Briner, Charles Emil New Jersey June 15, 1922 17 11 91 Broussard, Clarence Louisiana June 21, 1922 19 8					1	
343 Boughton Edward James, 3d Colorado June 17, 1922 19 2 272 Boyle, Charles Leo Massachusetts June 16, 1922 18 11 256 Brady, Upton Slingluff, jr South Dakota June 21, 1922 18 8 462 Branneman, Leonard Indiana June 15, 1922 19 9 93 Brewer, James Theodore New York June 00, 1922 16 6 *3 Briner, Charles Emil New Jersey June 15, 1922 17 11 91 Broussard, Clarence Louisiana June 21, 1922 19 8					- 1	
272 Boyle, Charles Leo Massachusetts June 16, 1922 18 11 256 Brady, Upton Slingluff, jr South Dakota June 21, 1922 18 8 462 Branneman, Leonard Indiana June 15, 1922 19 9 93 Brewer, James Theodore New York June 20, 1922 16 6 *3 Briner, Charles Emil New Jersey June 15, 1922 17 11 91 Broussard, Clarence Louisiana June 21, 1922 19 8					- 1	
256 Brady, Upton Slingluff, jr. South Dakota. June 21, 1922 18 8 462 Branneman, Leonard. Indiana. June 15, 1922 19 9 93 Brewer, James Theodore. New York. June 20, 1922 16 6 *3 Briner, Charles Emil. New Jersey. June 15, 1922 17 11 91 Broussard, Clarence. Louisiana. June 21, 1922 19 8					- 1	1
462 Branneman, Leonard Indiana June 15, 1922 19 9 93 Brewer, James Theodore New York June 20, 1922 16 6 *3 Briner, Charles Emil New Jersey June 15, 1922 17 11 91 Broussard, Clarence Louisiana June 21, 1922 19 8				,	1	8
*3 Briner, Charles Emil	1	Branneman, Leonard			1	
91 Broussard, Clarence Louisiana June 21, 1922 19 8		· ·				1
*7 Brown, Bert Franklin Utah June 15, 1922 18 10		Brown Bert Franklin				
235 Brown, Donald Cairns 10wa June 28, 1922 18 1						
318 Brown, John Welsh Mississippi June 21, 1922 19 6	- 4					
371 Brown, Robert Edwin, jr						1
184 Browne, James Roll	184	Browne, James Roll	Michigan	June 29, 1922	18	3

the second year of their academic course—518 members—June, 1924—Continued

Sea service i shij		Marine engineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
	_				Maximum	·		
Months	Days	32	56	40	24	20	28	200
5	15	25, 48	37. 59	26. 80	17. 10	13. 68	24, 43	145. 08
5	15	26. 96	44. 73	31. 90	19. 32	18. 01	25. 48	166.40
8	13	24. 12	36. 33	25. 55	15.36	13. 69	23. 73	138. 78
5	15	27. 40	48. 23	32. 45	19. 47	15. 38	23. 03	165. 96
5	15	21. 80	34. 86	26. 35	19. 32	14. 31	23. 87	140. 51
8	13	23. 96	35. 70	26. 90	17. 88	13. 20	23. 10	140. 74
5	15	23. 00	35. 35	26. 45	18. 78	13. 52	21.00	138, 10
5 5	15	20. 56	35. 42 42. 98	24. 85 31. 00	16. 98 17. 91	18. 81 16. 00	21. 77 25. 83	138. 39
5	6	25, 84 25, 44	42. 98	31. 10	19. 89	16. 89	25, 55	159. 56 163. 88
5	15 15	20. 28	38. 92	26. 85	17. 64	17. 71	23. 52	144, 92
5	15	26. 16	39. 69	30. 50	18. 18	13. 89	24, 22	152, 64
5	15	29, 28	47. 95	37, 75	22, 53	19. 50	25, 90	182. 9
5	15	24. 84	38. 99	29. 90	16. 80	12. 96	22. 75	146. 24
5	15	26. 64	46. 41	32. 50	19. 65	16. 71	23. 66	165. 57
5	15	26. 20	36. 75	28. 40	17:34	12. 58	24. 01	145, 28
5	15	25. 72	41. 58	30, 35	18. 63	16.08	23. 45	155. 81
5	15	24. 08	36. 40	26. 20	16. 23	12. 51	23. 31	138. 7
5	15	24. 80	37. 73	33. 40	19.38	14. 99	24. 01	154. 3
5	15	26. 76	44. 66	35. 05	19. 86	15. 93	23. 24	165. 5
5	15	24. 88	40.04	28. 10	16. 68	15. 58	22. 68	147. 9
5	15	22. 36	36. 19	25. 95	17. 52	13. 09	23. 59	138. 7
5	6	24. 72	37. 24	29. 70	16. 95	13. 57	24, 29	146. 4
8	13	26, 48	43. 75	32. 40	19. 62	17. 10	20. 23	159. 5
5 4	15 16	24, 00 26, 80	36. 54 41. 93	27. 10 32, 20	17. 91 18. 39	14. 35 17. 77	24. 92 23. 17	144, 8 160, 2
5	15	26. 80	34. 44	25. 15	18. 39	15. 28	23. 17	138. 0
4	25	24. 68	36. 40	27. 40	18. 36	17. 43	25. 41	149. 6
4	25	25. 08	43, 82	30, 20	17. 25	13. 62	21. 56	151. 5
5	15	21. 72	35. 91	26. 15	15. 96	13. 30	23. 52	136. 5
5	15	24. 72	43. 05	31. 35	18. 63	15. 08	24. 01	156. 8
5	15	26. 96	38. 92	28, 85	18. 12	14. 02	23. 59	150. 4
5	15	26. 68	43. 82	32. 85	20. 10	18. 29	23. 87	165. 6
5	15	21. 56	36. 05	26. 50	17. 61	13. 63	21. 56	136. 9
5	15	25. 44	39. 20	32. 60	18. 30	14. 74	25. 13	155. 4
5	15	23. 84	36. 54	26. 30	17. 43	13. 04	25. 41	142. 5
5	15	22, 80	35. 98	27. 40	19. 32	13. 68	23. 03	142. 2
5 5	15	27. 32	47. 67	33. 65	19. 47	16. 77	23. 80	168. 6
5	15 15	25. 64 27. 52	38. 43 41. 58	29. 75	19.86	15. 30	22. 47	151.4
5	15	23. 04	35. 77	30. 75 25. 80	17. 19 16. 23	13. 34 12. 92	23. 52 20. 16	153. 9 133. 9
5	15	27. 40	47. 60	34. 20	21. 18	18.06	24. 71	173. 1
5	15	25. 92	38. 43	27. 45	17. 01	13. 89	22. 75	145. 4
5	15	23. 48	38. 57	28. 25	18. 63	16. 19	24. 01	149. 1
5	15	26. 72	39. 62	28. 60	17. 79	14. 54	22, 82	150. 0
5	15	24. 36	35. 84	26. 45	16. 65	12. 99	22. 68	138. 9
5	4	26. 76	40. 95	31. 65	19. 59	18. 10	24. 36	161. 4
5	15	29. 08	50. 40	37.05	21.33	18. 96	26. 04	182. 8
5	15	25. 92	44.03	29. 35	19.08	18. 79	24. 36	161. 5
5	15	27. 92	51. 17	36. 75	20. 22	17. 34	23. 45	176. 8
5	15	26. 00	39. 34	29. 25	18. 93	14. 10	23, 17	150. 7
5	15	24. 36	37. 31	30. 15	18. 06	14. 20	22. 75	146. 8
5	15	22, 24 25, 76	37. 94 40. 67	27. 10 29. 95	18. 54 18. 51	14. 31 16. 89	23. 80 22. 19	143. 93

		1	1	1	
Order of general merit for	Names	State from which appointed	Date of admission		t date of hission
demic year				Years	Months
395	Brownfield, John Herbert	Arkansas	June 29, 1922	16	4
*26	Bruton, Henry Chester		,	17	4
82	Buchanan, Charles Allen		June 13, 1922	17	8
136	Burchett, Vincent Baldwin		June 20, 1922	17	6
33	Burnside, John Lockwood, jr		June 14, 1922	18	8
144	Burr, Richard Southwick	Maine	July 11, 1922	17	2
99	Busck, Vilhelm Klein	District of Co- lumbia.	June 16, 1922	18	. 6
232	Busey, Francis Lee	West Virginia	June 20, 1922	17	7
376 131	Bushnell, Wilfred	New York Texas	Aug. 2, 1922	19 18	8 11
220	Butler, Charles Chauncey	Pennsylvania	June 15, 1922 July 18, 1922	17	11 11
216	Butler, Frank Thrasher	Oklahoma	July 6, 1922	20	0
164	Byrne, James Francis		June 14, 1922	18	6
418	Caldwell, Earl Stevens	Illinois	Sept. 2, 1922	19	0
492	Callaghan, William Carey	California	June 17, 1922	18	8
364	Callahan, Joseph William	Montana	June 21, 1922	18	0
94	Campbell, Donald Gillette	Michigan	July 11, 1922	17	3
378 456	Campbell, George William	Illinois	June 13, 1922	19	11
119	Campbell, Gordon Campbell, Neil Robert	At large Michigan	June 16, 1922 July 3, 1922	16 17	9 5
454	Caplinger, Roger Thomas	Kentucky	do	16	11
80	Carlson, Spencer August	Oregon	June 14, 1922	18	6
125	Carmody, Francis Xavier, jr	New York	do	18	10
366	Carpenter, Charles Lorain	Pennsylvania	June 16, 1922	19	11
449	Carpenter, William Hubbard	New York	June 20, 1922	18	5
299	Carroll, Charles Richard.	Montana	do	19	6
w 50	Carter, Joseph Williams	Kentucky	June 29, 1922 July 18, 1922	17 17	11 8
294	Cease, Lysle Willard.	Pennsylvania	July 18, 1922	18	9
288	Cecil, Alexander Brabson			20	0
508	Chapel, Charles Edward.	Iowa	June 14, 1922	18	1
496	Chrismon, John Aubrey	North Carolina	June 22, 1922	18	10
149	Claiborne, Henri de Balathier		, ,	18	10
448	Clark, Murray Whitney	Iowa	June 28, 1922	17	11
311 262	Clarke, Ralph Sperry	New York	June 24, 1922	18	11
40	Clay, Mark Wellington Clement Chester Lee	Nebraska		18 19	5 2
480	Cobb, William Frank	Georgia	Sept. 2, 1922	18	9
422	Cochran, Joe Brice	North Carolina	July 3, 1922	18	5
i 495	Colyer, Leigh, jr	do	Aug. 10, 1921	18	6
285	Combs, Birney Cedric.	Vermont	July 8, 1921	18	8
321	Conley, Thomas Francis, jr	Connecticut	June 16, 1922	17	8
344	Cooper, Jacob Elliott	Georgia	July 8, 1921	19	4
130 380	Cooper, William Goodwin		June 13, 1922 Sept. 9, 1921	18 20	11
102	Cornell, Kenneth Hall	New York	June 14, 1922	17	11
419	Cox, Gideon Adolph	Alabama	June 16, 1922	18	8
388	Craig, Kenneth	Illinois	Aug. 15, 1922	19	10
453	Crandell, Donald Allen	Ohio	Sept. 11, 1922	20	5
141	·	do	July 3, 1922	18	6
301	Crawford, Mortimer Shepard	New York	June 21, 1922	16	11
172 424	Crider, Lloyd Austin Crissman, George Godfrey	Ohio Missouri	June 15, 1922 June 14, 1922	17 19	7
409	Crombe, Charles Edwin, jr		Aug. 15, 1922	17	9
200	Oromoo, Ondrew naturn, Jimmen	Colon Caronnass			- 1

the second year of their academic course-518 members-June, 1924-Continued

	in practice ips	Marine engineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
					Maximum			
Months	Days	32	56	40	24	20	28	200
5	15	23. 08	36. 33	30. 55	16.74	14. 96	21. 21	142. 87
5	15	26.48	48. 44	33. 50	20. 13	18. 41	23. 87	170. 83
5	15	25. 04	44. 66	31. 35	19. 14	17. 98	24. 57	162. 74
5	15	23. 40	42. 77	31. 35	20. 37	15. 55	23. 80	157. 24
5	15	26. 28	47. 60	35. 00	18.99	18. 23	23. 52	169. 62
5	15	24. 96	41. 86	31. 70	18. 48	15. 65	24. 15	156. 80
5	15	26. 40	42. 21	32, 40	20. 34	15. 07	24. 08	160. 50
5	15	25. 80	40. 39	28, 80	17. 40	14. 93	23. 59	150. 91
5	15	22.84	33. 22	27. 70	17. 25	13. 85	24. 01	143. 87
5	15	25, 80	40. 18	29. 30	20. 85	17.60	24. 08	157. 83
5	15	24. 76	40. 39	28. 75	18. 42	15. 21	24. 15	151, 68
5	15	24. 92	39. 20	31. 90	18. 42	15. 25	22. 40	152. 09
5	15	22. 56	43. 54	30. 35	18. 87	16. 09	23. 94	155. 35
5	15	21. 28	35. 98	27. 20	18. 12	15. 35	23. 73	141.66
5	15	22. 80 23, 72	35. 14	25. 70 27, 30	18. 72	13. 57	20. 72	136. 68
5	15 15	26. 20	38. 92 42. 28	31. 75	17. 49 20. 16	13. 51 16. 62	23. 24 24. 22	144. 1
5 5	15	24. 20	36, 05	28. 10	18. 03	14. 08	23. 38	161, 23 143, 8
5	15	21. 36	39. 62	26, 85	17. 43	13, 87	20, 65	139, 7
5	15	26. 56	42. 00	33. 30	18. 75	14. 64	23. 59	158. 8
5	15	21. 60	38. 85	27. 45	16. 23	15. 09	20. 58	139. 8
5	15	26, 56	43. 19	33, 40	19. 86	15, 82	24. 01	162. 8
5	15	26, 12	43. 75	32.00	19. 29	14. 93	22. 33	158. 49
5	15	23, 28	38. 64	29. 05	16.98	13. 95	22. 19	144. 0
5	15	22.84	35. 56	27. 75	16. 59	13. 86	23. 45	140. 0
5	15	25, 32	38. 57	26. 70	18. 24	16. 06	22.82	147. 7
2	21		(a)	(a)	(a)	(a)	23. 45	
5	15	28. 36	45. 36	31. 65	18. 60	18. 46	24. 64	167. 0
5	15	24. 72	38. 50	28. 50	18.06	15. 42	22. 75	147. 9
5	15	24. 88	37. 45	28, 65	18. 60	14. 82	23. 66	148.0
2	21	20, 40	35. 14	25. 45	18. 75	13. 26	20. 58	133, 5
5	15	22. 08	35. 63	25, 60	16. 41	13. 48	22. 75	135. 9
5	15	25. 92	40. 25	28. 85	18. 75	18. 18	24. 29	156. 2
5	15	23. 16	36. 82	27. 55	16.86	13, 55	22. 12	140. 0
5 5	15	24. 16 22. 64	41. 58	27. 25	16. 32	14. 31	23. 59	147. 2
5 5	15 15	22. 64 27. 28	36. 82 - 45. 78	30. 60	18. 54 20. 67	17.96	23, 24 23, 31	149. 8 168. 2
5	15	21. 24	35. 25	34. 20 25. 70	16. 32	17. 05 14. 89	24. 50	138. 0
5	15	23, 84	38. 50	26. 80	16. 32	13. 23	23. 10	141. 5
8	13	23. 32	34. 30	25, 95	16. 44	13. 54	22. 68	136. 2
5	22	27, 12	37. 52	30. 00	17. 46	13. 79	22. 61	148. 5
5	15	22. 84	37. 52	30. 35	18. 57	16. 37	21. 07	146. 7
5	22	23. 96	36. 82	27. 40	17. 52	14. 94	24. 78	145. 4
5	15	25. 00	44.87	31. 60	18. 39	15. 21	22. 82	157. 8
8	13	23. 32	39. 27	27. 50	16. 44	13.82	23. 38	143. 7
5	15	24. 40	42.00	32. 30	20. 01	18. 56	22.96	160. 2
5	15	24.00	36.61	27. 00	17. 76	13. 72	22, 54	141.6
5	15	23. 40	38. 22	27.90	16. 83	13. 84	23. 10	143. 2
5	15	24. 24	34. 79	26. 10	17. 82	12.98	23, 94	139. 8
5	15	26. 52	38. 64	30. 20	19. 50	17.88	24. 15	156. 8
5	15	24, 88	35. 91	28. 05	17.88	17.87	23. 03	147. 6
5	15	27. 44	38. 50	33. 25	18. 24	13. 64	23, 59	. 154.66
5	15	24. 52	36. 12	27.80	17. 25	12.89	22, 89	141.4
5	15	26. 16	35. 56	25. 95	17. 31	13. 57	23. 66	142.

Order					date of
of general		,		adm	ission
merit	Names	State from which	Date of		
for aca-	TVUINOS	appointed	admission		
demic					
year				Years	Months
259	Crosser, Benjamin Robin	New York	June 20, 1922	18	4
438	Crowley, Ambrose Francis	do	June 21, 1922	18	5
330	Curran, Paul Michael	Pennsylvania	June 23, 1921	19	5
399	Custer, Benjamin Scott	Georgia	June 14, 1922	17	3
268	Davis, Earle Sutherland	Virginia	Sept. 2, 1922	18	1
126	Davisson, Frederick Augustus	Georgia	June 17, 1922	17	8
158	Day, Charles Newton	Pennsylvania	June 20, 1922	18	8
175	Densmore, Samuel Winslow	Massachusetts	June 14, 1922	17	9
327 282	De Wolfe, Robert Rathbun	Pennsylvania	June 30, 1922	19	3
332	Dickey, Ward Elliott Dietrich, Henry Thornton	Ohio	June 23, 1922	18 18	10
188	Dodson, Edward Ney, jr	Maryland	July 3, 1922 Sept. 12, 1922	18	3
210	Dolan, William Augustine, jr	Ohio	June 20, 1922	18	0
213	Donahue, Francis James	Wisconsin	June 15, 1922	17	3
314	Dorrell, Carter Victor	Missouri	do	18	4
414	Dow, Leonard James	do	Aug. 22, 1922	20	1
504	Duckett, Oden Bowie, jr	Minnesota	June 20, 1922	19	0
401	Dudley, Paul Lee.	Oklahoma	June 28, 1922	17	8
236	Duerfeldt, Clifford Henderson	Nebraska	July 25, 1922	19	9
250	Duke, John Martindale	Tennessee	June 15, 1922	19	4
89	Dunlap, Stanton Baldwin	Illinois	July 12, 1922	16	6
473	Dunn, Charles Carroll	Colorado	June 16, 1922	18	2
306	Dyer, Walter Leo	Maine	June 14, 1922	19	3
278	Dyer, William Lansdale	Mississippi	July 3, 1922	17	10
h 430	Dyson, Howell Jesse	Louisiana	June 14, 1922	19	3
309	Eakens, John Callahan	Texas	July 11, 1922	18	5
463	Eaton, Samuel Williams	South Dakota	Sept. 22, 1922	20	0
217 266	Ebert, Hilan	Ohio New York	July 11, 1922	19	4
375	Eddy, William Crawford Edwards, Heywood Lane	Texas	July 25, 1922 June 28, 1922	19 16	11
183	Elliott, Eddy Wilbur	Colorado	June 30, 1922	18	8 2
426	Elliott, Thompson Phelps	Maryland	Sept. 2, 1922	20	1
313	Ellis, Robert Beaman	North Carolina	June 14, 1922	19	1
67	Ellison, John Henry	Massachusetts	June 24, 1922	18	2
161	Ericson, Ramond Calvert	Montana	June 20, 1922	18	8
70	Eskilson, Eskil Theodore	Illinois	June 17, 1922	17	1
404	Estep, George Moore	Pennsylvania	June 20, 1922	18	2
62	Evenson, Marvin Pabodie	Iowa	July 11, 1922	17	9
i 510	Eves, Edward Thomas	Louisiana	June 13, 1922	16	5
i 506	Farrell, Edwin Thomas	Wisconsin	Sept. 2, 1922	19	10
436	Farrow, Henry	Alabama	June 20, 1922	18	2
133	Fisher, Edgar Derry	Nebraska	do	18	4
244	Fitzsimmons, John Patrick	Illinois	July 6, 1922	19	1
403	Fleming, Morton Klyne, jr	Montana	June 20, 1922	17	6
207	Flippin, Royce Norwood	Kentucky	June 13, 1922	20	0
*5 71	Floyd, William Orrin Foltz, George Wallace	California Minnesota	June 20, 1922	17 19	3 10
460	Fooks, Armwell Long	Delaware		18	6
*8	Forest, Francis Xavier		June 21, 1922	17	9
271	Forsberg, Carl John	Illinois	July 19, 1922	19	5
304	Foster, John Golden, jr	Georgia	June 13, 1922	18	3
428	Foster, Joshua Hill, jr		June 15, 1922	18	9
p476	Fountain, Frank Fremont			17	7
254	Fox, Douglas Harold	Michigan	Aug. 8, 1922	17	4
132	Fox, James Beatty	Ohio	June 20, 1922	18	7

the second year of their academic course—518 members—June, 1924—Continued

Sea service shi		Marine engineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
					Maximum			1
Months	Days	32	56	40	24	20	28	200
5	15	25. 08	40. 81	28, 90	17. 19	16. 59	21. 35	149. 9
5	15	21.00	36.05	26.70	18. 69	16. 64	21.70	140. 7
8	13	23. 96	36.68	26. 90	19. 08	16. 74	22. 89	146. 2
5	15	21. 56	36. 82	29. 15	17. 22	13. 57	24. 43	142. 7
5	15	23, 28	39.62	28. 45	19. 41	17. 68	21.00	149. 4
5	15	26. 28	41.65	29.80	19. 29	14.86	26. 46	158. 3
5	15	24. 36	39. 69	31.45	18.57	16. 96	24. 71	155. 7
5	15	24. 76	41.72	31. 40	18. 33	14. 77	23. 38	154. 3
4	5	26.64	36. 26	28.75	18. 96	13. 30	22. 54	146. 4
5	15	22. 88	38. 15	29. 80	18. 54	15. 24	24. 08	148. 6
5	15	26. 88	36. 68	28. 10	18. 54	13. 61	22. 33	146.
5	15	26. 44	41.16	31. 20	17. 13	13. 96	23. 87	153. 7
5	15	23. 32	38. 57	29. 00	19. 17	18, 32	23. 94	152. 3
5	15	23. 52	41.16	27. 35	18. 66	17. 58	23. 94	152. 2
5	15	24.04	38. 92	29. 55	17. 85	14. 62	22. 05	147.0
5	6	26. 20	35. 28	25. 65	16.80	13. 29	24. 85	142. (
5	15	21. 04	35. 70	25, 60	15.63	13. 11	23. 59	134. (
5	15	22. 96	36.96	28. 15	18.06	13. 63	22. 89	142.
5	15	26. 28	36. 47	31.45	17.91	14.13	24. 50	150.
5	15	26. 88	38. 92	28. 15	17. 46	14.94	23. 94	150. 5
5	15	26. 16	41. 23	31. 90	19.92	18. 33	24. 15	161.
5	15	23. 52	36. 75	26. 15	16. 26	13. 21	22. 47	138.
5	15	24. 08	37. 73	30. 40	18. 03	13. 48	23.66	147.
5	15	24. 36	40.39	28. 70	18. 33	13. 15	23.94	148.
5	15	24. 60	34. 51	27. 50	17. 10	13. 04	24. 36	141.
5	15	24. 92	37. 73	29. 80	16.86	14. 43	23. 52	147.
5	15	23. 72	35. 21	25. 40	17. 73	15. 26	21. 63	138.
5	15	25. 88	40. 18	30. 95	18.00	14. 57	22. 47	152.
5	4	26. 48	36.96	27. 65	19.65	13. 28	25. 55	149.
5	15	22. 76	36. 68	29. 25	18. 42	13. 97	22. 82	143.
4	23	27. 76	39. 41	30. 85	18. 18	13.86	23. 94	154.
5.	15	22. 56	38. 08	27. 15	16. 62	14. 48	22. 54	141.
5	15	22. 68	38. 08	28. 85	18. 24	14. 48	24. 71	147.
5	15	26. 80	42. 63	32. 30	19. 62	18. 59	23. 80	163.
5	15	25. 80	39. 55	31. 70	19. 83	17. 26	21. 28	155.
5	15	25. 76	43.05	32. 45	19. 14	17.94	25. 34	163.
5	15	23. 36	37. 66	26.05	16. 74	14. 82	23. 94	142.
5	15	27. 72	42.00	34. 45	19. 77	16. 85	24. 36	165.
2	21	21.96	34. 93	24. 35	16. 20	12. 52	23, 17	133.
2	21	22. 32	34. 86	25. 25	15. 66	12. 81	23. 10	134.
5	15	21. 80	35. 21	26. 70	18. 48	15.48	23. 24	140.
5	15	26. 80	44. 24	31. 05	16.80	14. 82	24. 08	157.
5	15	24. 72	38. 15	29. 75	17. 97	15. 47	24. 43	150.
5	15	24. 52	36. 61	28. 15	17. 52	13, 32	22. 47	142.
4	25		38. 71	30. 65	18. 84	15.47	25. 97	152.
5	15	27. 80	50. 68	37. 50	20. 34	18.14	24. 57	179.
5	15	24. 88	48. 30		17. 76	14. 85	23. 87	163.
5	15	22. 28	36. 54	25. 95	18. 24	12.81	23, 38	139.
5	15	27. 48	49. 84	34. 45	20. 97	19.63	24. 29	176.
4	25	25. 92	38. 43	28. 50	16. 89	13. 97	25. 48	149.
5	15	24. 24	37. 52	28. 85	18.06	13. 94	24. 85	147.
5	15	24. 52	35. 00	26. 70	19.05	12.93	23. 10	141.
5	19	22. 88	36. 40 40. 88	25. 55	16. 32	13. 99	23. 09	138.
5 5	15 15	23. 32 26. 24	40. 88 39. 90	29. 80 31. 55	17. 40 20. 79	15. 48 16. 50	23, 24 22, 82	150. 157.

-			1	1	
ø					
Order					t date of dission
of general				aun	11037011
merit for	Names	State from which appointed	Date of admission		
aca-		appointed	aumission		
demic year					
year				Years	Months
200	Total Jahr Total	Mary Hampshine	10 1000		
260 392	Fradd, John Ernest Fratzke, Walter Edwin	New Hampshire Minnesota	Aug. 19, 1922	20 19	8
154	Fravel, Harold Albert	New Jersey	Sept. 2, 1922 June 20, 1922	19	3
163	Frederick, Theodore Ridenour	New York	July 3, 1922	17	11
186	French, Louis Eaton	Connecticut	June 13, 1922	18	7
280	Frost, Laurence Hugh	Arkansas	June 15, 1922	19	11
412	Fryer, Loren Hansbrough	New Jersey	Sept. 2, 1922	19	11
302	Fuller, Wallace Watt	New York	June 13, 1922	19	4
387 120	Fullinwider, Ranson	Illinois	June 22, 1922	16	8
402	Gallaher, John Francis	Michigan	June 16, 1922 Sept. 2, 1922	18 19	2 3
270	Gano, Roy Alexander	Minnesota	June 15, 1922	19	6
239	Gerth, William Anthony	New York	June 14, 1922	17	4
y114	Giese, Albert Augustus	Iowa	June 27, 1921	17	9
33	Gilmore, Howard Walter	Louisiana	June 21, 1922	19	9
267	Gladding, Douglas Victor	Rhode Island	June 20, 1922	18	11
276	Gladding, Warren Evarts	New York	July 18, 1922	17	4
237 *19	Glick, John Albert	Arizona	July 6, 1922	18	10
202	Goldman, Robert Boggs Gotjen, John Herman, jr	New Jersey South Carolina	June 15, 1922 June 20, 1922	18 18	4 4
83	Graf, Frederic August	Indiana	June 13, 1922	18	8
100	Graff, John Scott	Illinois	June 28, 1922	16	11
92	Graham, Chester Baird	New York	July 11, 1922	18	3
145	Grant, Etheridge	do	June 14, 1922	20	0
37	Greenacre, Alvord John	Illinois	June 13, 1922	18	6
388	Greene, Harry William	New York	June 15, 1922	17	2
230 *6	Greenslade, John Francis	At large	June 16, 1922	17	10
142	Greenwald, James Andrew, jr Grenfell, Elton Watters	Ohio Massachusetts	June 14, 1922 June 17, 1922	20 18	2 7
166	Greytak, John Joseph	Pennsylvania	June 16, 1922	20	1
443	Griggs, Gale Emerson	Nebraska	Aug. 8, 1922	17	9
454	Groff, Rowland Haverstick	Pennsylvania	June 15, 1922	18	4
69	Grover, Paul Merritt	New Hampshire	June 25, 1921	16	3
97	Gsell, Henry Harrison	Missouri	Sept. 2, 1922	18	7
277	Gulick, Roy Moyer	Pennsylvania	July 12, 1922	18	3
503 x446	Gullett, William Mayo	Illinois	June 29, 1922	17	11
498	Gunther, Louis Everett Gurney, Marshall Barton	Michigan	July, 11, 1921 June 20, 1922	18 19	6 2
217	Habel, Norman Joseph	South Carolina	Sept. 2, 1922	18	11
231	Haddad, Elias Francis.	Vermont	July 19, 1921	18	11
209	Haerlin, Fred Louis, jr	New Jersey	June 21, 1922	17	8
317	Hains, Hamilton	At large	June 16, 1922	18	0
137	Halloran, Thomas Francis	Rhode Island	July 7, 1922	18	0
200 427	Haman, Claude William	California	July 3, 1922	19	2
362	Hamberger, Dewitt Clinton Ellis Hamrick, Roy Noble	At large Georgia	June 16, 1922 Sept. 2, 1922	19 18	2 10
w	Harrell, Joseph William	Texas	June 15, 1922	16	9
36	Hart, Charles Broderick	Idaho	June 13, 1922	17	7
377	Haskin, Joseph Robert, jr	California	do	19	4
211	Havard, Valery, jr	Connecticut	do	17	3
359	Hayes, William Myers	Texas	July 3, 1922	19	2
w	Heavilin, John Seegar	Indiana	June 16, 1922	17	0
234 339	Helfrich, Norman Alexander Helmick, Guy Benton	Illinois Missouri	Sept. 2, 1922	17 19	5
127	Henderson, Lofton Russell				2
				10	

the second year of their academic course—518 members—June, 1924—Continued

sea service shi		Marine engineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
		,		'	Maximum			,
Months	Days	32	56	40	24	20	28	200
5	15	24. 80	38. 64	28. 15	18. 54	15. 88	23. 87	149. 8
5	15	22. 68	37. 66	25. 90	17.31	15, 82	23. 66	143.0
5	15	25. 12	43. 61	31. 65	17. 19	14. 97	23. 31	155. 8
5	15	25. 88	40.04	30. 10	19. 50	15. 70	24. 15	155.
5	15	24. 76	42.98	30, 80	17. 97	14. 43	22.89	153. 8
5	15	24. 52	37. 03	30. 40	18. 57	15. 22	23.03	148.
5	15	23. 68	37. 17	27. 70	18. 18	13. 22	22. 19	142.
5	15	24. 60	41.16	27. 45	18. 18	15. 64	20. 58	147. 6
5	15	26. 12	35. 98	26. 30	17. 40	13. 00	24. 50	143. 3
5	15	24. 32	44. 31	31. 25	18.06	17. 14	23. 59	158.
5	15	24. 64	36. 96	27.45	17. 73	13. 58	22. 26	142.
5	15	23. 80	39. 97	28. 75	18. 33	15. 40	22. 96	149.
5	15	24. 72	39. 83	29. 55	17. 85	16. 04	22. 61	150. 6
7	19	27. 04	41. 02	35. 65	18.06	14. 67	22. 61	159.
5	15	26. 12	48.72	33. 10	21. 54	17. 04	23. 10	169.
5	15	23. 72	40. 04	28.60	18. 12	15. 05	24. 01	149.
5	15	24. 40	40. 32	27. 85	18.06	15. 86	22. 54	149.
5	15	23. 60	39. 62	28. 80	17. 94	18. 13	22.61	150.
5	15	28. 24	46. 55	35. 60	20. 52	18. 13	23, 80	172.
5	15	23. 76	43. 05	29. 00	19. 68	15. 21	22.05	152.
5	15	25. 96	45. 64	33. 60	18. 75	15. 38	23. 38	162.
5	15	25. 72	42. 14	31. 55	2025	17. 51	23. 10	160.
5	15	25. 56	44. 87	30. 90	18. 78	18. 91 15. 91	22. 40	161.
5	15	26. 56	41. 86 45. 78	30. 40	18. 60		23, 45	156.
5	15 15	27. 76 22. 72	36. 82	33. 45	20. 76	17. 60	23. 45	168.
5	15	26. 16	41. 44	27. 75 27. 75	17. 40 16. 83	15. 71 13. 77	22. 89 25. 20	143. 151.
5	15	29. 20	49. 77	36. 05	19.80	18. 85	23. 45	177.
5	15	26. 96	42.07	29. 40	19. 38	14. 91	24. 15	156.
5	15	26. 80	39. 97	28. 75	18. 78	15. 78	25. 13	155.
5	15	21. 76	38. 01	27. 85	16. 26	13. 25	23. 38	140.
5	15	22. 84	36, 19	25. 90	18. 60	13. 45	22. 82	139.
5	15	25. 56	44. 38	32. 65	19. 53	17. 22	. 24.36	163.
5	15	26. 36	45. 15	34. 30	16. 62	14, 45	23. 73	160.
5	15	22. 76	39. 62	28. 60	18. 78	14. 02	25, 20	148.
5	15	21. 72	35. 28	25. 10	16. 80	13. 13	22. 96	134.
5	19	23. 32	36. 05	27. 35	16. 53	13. 56	23, 45	140.
5	15	22. 16	35. 00	25. 30	17. 52	13. 64	21. 91	135.
5	15	23. 56	39. 27	28. 95	19.35	17. 26	23, 66	152.
5	22	22. 56	41. 37	29.85	17. 73	15. 84	23. 66	151.
5	15	25. 28	39. 48	28. 55	18.87	16. 26	23. 94	152.
5	15	25. 32	37. 45	27.40	18. 78	14. 10	23.87	146.
5	15	25. 92	39. 55	31. 55	18. 81	17. 14	24. 22	157.
5	15	25. 20	41. 86	30. 00	18. 75	13. 37	23. 66	152.
5	15	25. 56	36. 05	27. 65	18. 75	13. 29	20. 09	141.
5	15	24. 40	39. 76	26. 35	16. 98	14. 05	22. 75	144.
2	21	(a)	(a)	(a)	(a)	(a)	23. 38	
5	15	27. 44	46. 13	33. 55	19. 95	18.09	23. 73	168.
5	6	24. 00	35. 91	28. 60	17. 67	14. 71	22. 96	143.
5	15	25. 96	37. 03	29, 25	19. 89	17. 14	23. 03	152.
15	15	24. 80	37. 03	25. 95	18. 03	16. 28	22. 54	144.
2	21		(a)	(a)	(a)	(a)	22. 47	
5	15	24. 16	41. 02	30. 05	16. 56	14. 20	24. 85	150.
8 5	13 15	24. 96	38. 15	27. 50	17.61	13. 99	23, 52	145.

Order of general merit	Names	State from which	Date of		date of dission
for aca- demic year	·	appointed	admission	Voorg	Manaha
3 0				Years	Months
424	Hill, Owen Hollis	Virginia	June 20, 1922	17	9
381	Hilliard, Lyman Hall	Georgia	June 29, 1922	16	5
447	Hodgskin, Henry Titus, jr	Pennsylvania	June 21, 1922	18	1
466	Holeman, Neville Goodloe	Kentucky	July 11,1922	17	2
406	Hollenbeck, Robert Hope	Illinois	June 16, 1922	18	7
261 497	Holingsworth, William Right	Florida	Sept. 25, 1922	19	1
87	Holt, Norman Lloyd Honaker, Walter Wellington	Montana	June 14, 1922 June 13, 1922	20 19	2
76	Horne, Charles Frederick, jr	New York	July 18, 1922	16	7
i 505	Houck, John Howard, jr	Louisiana	Sept. 2, 1922	20	2
i 509	Houston, Thomas Augustus	Texas	June 15, 1922	20	1 /
182	Howe, Hamilton Wilcox	Illinois	June 28, 1921	17	5
222	Howell, Irving Hale	do	June 14,1922	19	2
i 441	Hubert-Jones, Ashton Lee	Pennsylvania	Sept. 2, 1922	19	10
382	Hufty, Malcolm Alexander	Kentucky	do	18	10
490 194	Hughes, Roscoe Durall Hull, Jesse Lyle	Florida Missouri	June 17, 1922 June 26, 1922	19 19	4 2
*14	Hutchins, Carlton Barmore	New York	July 11, 1922	17	10
361	Hutchinson, Edward Shillingford	Pennsylvania	June 28, 1922	18	4
372	Jackson, Charles	Indiana	Sept. 2, 1922	18	0
135	Jackson, Ed Hughes	Georgia	do	18	9
390	Jochum, William	New York	June 20, 1922	19	4
201	Johnson, Doir Curtis	Idaho	June 22, 1922	19	7
193	Johnson, Robert Ruffin	Michigan	June 16, 1922	19	11
419 486	Johnston, Harry Darlington Jones, Carroll Burgess	New York North Dakota	June 20, 1922 June 14, 1922	17 19	0 7
p 96	Jones, Fielder Allison	Oregon	June 24, 1921	17	8
255	Jones, William Thomas.	California	June 16, 1922	18	2
215	Jordahl, Russell Nelton	Iowa	July 3, 1922	18	9
297	Jordan, Thomas Branch	Virginia	June 21, 1922	19	9
110	Joyce, Allen Raymond	New Jersey		19	9
147	Joyner, Algernon Sidney, jr	North Carolina		16	5
284 501	Kaiser, Benjamin Franklin, jr	New Mexico Louisiana	June 20, 1922	19 18	3
290	Karpe, Eugene Simon Katz, Benjamin	Massachusetts	Sept. 2, 1922 June 15, 1922	18	2
351	Keady, Louis Emmett	New York	July 12, 1922	18	0
111	Kelley, Edward Frederick	Massachusetts	June 14, 1922	19	4
113	Kemper, Allen Mauzy	Florida	June 13, 1922	16	3
471	Kenny, William Talty	Tennessee	July 6, 1922	17	5
146	King, Lyman Maurice, jr	California	June 13, 1922	17	9
151	Klimas, Bernard Edward	New Jersey	June 14, 1922	18 19	9
211 329	Kline, Wendell Fischer Kobey, Theodore Hertzel	Nevada Arizona	June 30, 1922 June 13, 1922	17	1 9
368	Koonce, Allen Clark	Ohio	July 11, 1922	17	6
303	Kunz, Chester Arthur		July 3, 1922	18	4
353	LaForce, Andrew Hudson		June 28, 1922	19	4
328	Lahn, Jackson Aaron		June 20, 1922	18	2
445	Lamb, Raymond Starr		June 17, 1922	19	10
*9	Lambert, Robert Davison		June 21, 1922	17	1
*22 431	Lane, James Mills Langley, Thomas Rhodes		July 7, 1922 June 23, 1922	17 19	1 11
431 47	Larson, Charles Oscar	North Dakota	June 21, 1922	16	10
*31	Lee, Fitzhugh, 2d		June 16, 1922	16	10
291	Lee, Frank Calhoun		June 17, 1922	19	1
287	Leeper, James Edward	Arkansas	June 13, 1922	17	11

the second year of their academic course—518 members—June, 1924—Continued

Sea									
		in practice ips	Marine engineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
						Maximum			
M	onths	Days	32	56	40	24	20	28	200
	5	15	22. 04	36. 40	26. 10	17. 97	16. 14	22, 82	141, 47
	5	15	24. 32	37. 38	26.85	17. 13	15. 66	22. 33	143. 67
	5	15	23. 48	37.31	26. 15	18. 42	13. 08	21. 70	140. 14
	5	15	22.00	36.47	27. 40	16.83	14, 54	21. 56	138. 80
	5	4	24. 84	37. 10	27. 80	16. 95	12. 74	23, 10	142. 53
	5	. 15	25. 56	39. 83	29.85	17.34	13. 62	23. 66	149.86
	5	15	21. 52	35. 98	25. 65	16.65	13. 18	22. 96	135. 94
	5	15	27. 76	42. 28	31. 70	18. 78	16. 44	25. 20	162. 16
	5	15	27. 68	43. 12	30. 15	20. 22	17.80	24. 50	163, 47
	5	15	20.96	34. 79	25. 90	17. 94	14. 26	20. 58	134. 43
	5	21	23. 08	34. 44 39. 06	25. 80 31. 25	16. 29	12. 65	21. 07 24. 01	133. 33
	5 5	22 4	23. 36 26. 28	36. 12	30. 45	19. 38 20. 10	17. 01 16. 42	24. 01	154, 07 151, 56
	5	15	24. 84	34. 58	26. 50	18. 15	12. 86	23. 66	140. 59
	5	15	22. 16	36. 19	27. 50	19. 95	14. 45	23. 31	143. 56
	5	15	23. 00	35. 42	25. 45	16. 71	13. 06	23. 24	136. 88
	5	15	25. 96	41, 02	29. 55	17. 07	14. 79	24. 99	153. 38
	4	25	28. 28	48. 30	33. 85	19. 62	18. 52	25. 62	174. 19
	5	15	22. 04	38. 08	28. 50	17. 37	13. 77	24.71	144. 47
	5	15	22. 76	39. 20	27. 75	16. 80	14.31	23.10	143. 92
	8	13	25, 72	45. 15	29, 95	18.06	14.82	23. 59	157. 29
	5	15	22. 96	35. 63	27. 50	18. 69	16. 19	22. 26	143. 23
l I	5	15	25. 08	41.02	30. 50	18.42	15. 35	22. 40	152.77
	5	15	24. 80	40. 39	29. 45	19. 20	15. 93	23. 66	153. 43
	5	15	21. 36	35. 56	25. 70	18. 00	17. 70	23. 31	141.63
	5	15	22. 56	35. 70	25. 65	16. 92	13. 46	23. 03	137. 32
	5	7	23. 96	46. 34	33. 60	17. 67	15. 57	23. 76	160.90
	5	15	26. 36	37. 80	30. 25	18. 12	13. 57	24. 01	150, 11
	5	15	25. 72	38. 08	28. 35	20. 64 18. 48	16. 02 14. 78	23. 38 23. 80	152. 19 147. 87
	5	15 15	21. 80 24. 32	40. 46 42. 63	28. 55 33. 20	19. 77	16. 41	23. 10	159. 43
	5	15	24. 32	44. 87	30. 75	18. 87	16. 10	21. 70	156. 53
	5	15	23. 44	40. 95	28. 85	17. 07	16. 25	21. 98	148. 54
	5	15	20. 48	35. 56	25. 55	17. 61	12. 81	23. 17	135. 18
	5	15	21. 92	38, 15	27. 20	18. 51	18. 53	23.66	147. 97
	5	15	23. 84	• 37.59	27. 10	18. 33	13.31	24. 85	145.02
	5	15	27. 16	43.05	31. 25	19. 32	15. 55	22.96	159. 29
	5	15	26. 24	40. 53	32.00	20. 19	16. 52	23. 73	159, 21
	5	15	21. 44	36. 40	- 27.00	16. 68	13. 70	23, 31	138. 53
	5	15	26. 12	43.96	29.70	18. 24	14. 79	23. 94	156. 75
	5	15	26. 20	40. 39	32. 15	18. 24	15. 88	23. 24	156. 10
	5	15	25. 52	39. 76	27. 70	19. 32	15. 64	24. 36	152. 30
	5	15	25. 00	36. 96	28, 50	18. 03	15. 15	22. 68	146. 32
	5	15	24. 92	36. 68	27. 05	18. 39	13. 67	23. 31	144. 02
	2	21	25. 60	37. 31	29.00	17. 97	14. 54	23. 17	147. 59
	5	15	23. 12	39. 90	28.60	17. 16	13. 51	22.61	144. 90 146. 42
	5 5	15	23. 44 23. 52	39. 34 36. 75	26. 65 27. 55	18. 48 17. 16	16. 32 12. 87	22. 19 22. 61	146. 42
	4	15 25	23. 52	49. 63	35. 65	20. 67	15. 95	24. 85	176. 11
	5	15	26. 84	50. 05	34. 40	19. 56	18. 28	22. 89	170. 11
	5	15	21. 92	37. 24	26. 15	17. 43	15. 05	23. 31	141. 10
	5	15	25. 88	48. 51	32. 15	19. 17	17. 86	23. 59	167. 16
1	5	15	28. 16	43. 61	30. 65	20. 58	19. 26	27. 86	170. 12
1	5	15	24. 12	38. 29	29. 80	18. 99	14. 36	22. 40	147. 96
	5	15	22. 80	42. 14	27. 95	17. 46		24. 15	

			1		
				Age at	date of
Order of					ission
general merit		State from which	Date of		
for	Names	appointed	admission		
aca- demic					
year				Years	Months
			and the same of th		
298	LeHardy, Louis Marcel	Georgia New York	July 19, 1921 June 14, 1922	16 16	5
415 356	Leigh, Thomas Kenneth Lentz, August William	New Jersey	Sept. 27, 1922	19	6
393	Leonard, Edward	Michigan	Sept. 7, 1921	18	3
461	Leslie, Maxwell Franklin	Washington	July 18, 1922	19	10
<i>i</i> 511	Levensky, Sol Earl	Nebraska	Sept. 2, 1922	20	4
355	Lewis, Henry Stephen	New Jersey Maryland	June 21, 1922	19 18	5
124 289	Linaweaver, Walter EllsworthLindsey, William Carl	Tennessee	June 28, 1922 Sept. 6, 1922	19	8
487	Linsley, Viman Carl Linsley, James Russell, jr	Connecticut	June 17, 1922	19	10
228	Linsley, Ralph Halsey	do	June 25, 1921	18	5
104	Littig, John Stansfield	Iowa	June 21, 1922	19	4
338	Livdahl, Orlin Lester	North Dakota	June 29, 1922	18 18	10
81 416	Loader, Norman Logan, Diggs	New York Texas	June 16, 1922	18	8
90	Long, Augustus Calvin	Florida	June 13, 1922	17	10
208	Long, Carlton Grim	Pennsylvania	June 15, 1922	17	11
122	Lovell, Royal	North Dakota	July 11, 1922	18	8
32	Lovett, Benjamin Barnes Compton	Maryland	June 14, 1922	19	4
429	Lowrey, Barron Gray	Mississippi	Sept. 1, 1922 June 17, 1922	17 18	2 7
*10 115	Lyman, Charles Huntington, 3d Mabley, Louis Christopher	Michigan	June 14, 1922	17	3
203	Mackle, Frederick, jr	Washington	June 15, 1922	18	0
474	MacMillan, Duncan Calvin	California	June 16, 1922	17	3
451	Maddox, Clifton Bogart	Alabama	June 27, 1922	20	1
77	Mallach, Joseph Francis	Illinois		17 19	7 11
348 333	Martin, Lawrence Henry Mason, Jared Arthur	Pennsylvania		19	0
170	Matthews, Leonidas Metellus	North Carolina	June 20, 1922	17	6
269	May, Eugene Franklin	Alabama	do	20	0
386	McCaffree, Burnham Clough	South Dakota		19	2
485	McClelland, John James	Tennessee	Sept. 6, 1922	19 19	1 2
*28 251	McClure, Jesse Samuel McClusky, Clarence Wade, jr	Florida New York	June 21, 1922 July 18, 1922	20	2
138	McCorkle, Francis Douglas	Tennessee	June 30, 1922	19	4
48	McDill, Alexander Stuart	Wisconsin	June 20, 1922	18	6
411	McGregor, Donald	District of Colum-	July 8, 1922	18	8
****	25 0 2 2 0 2 0 1	bia.	Tuno 92 1001	18	10
i483 407	McGuire, Gordon Gerald	The series	June 23, 1921 June 28, 1922	18	9
98	McKee, Samuel Johnson McKillip, John C. Siemer		June 22, 1922	17	2
223	McLean, Gordon Alexander	. Colorado	June 16, 1922	18	6
129	McLean, John Boyd		June 15, 1922	20	1
366	McMillan, Douthey Gear		Sept. 2, 1922	19 18	8 7
51	McQuillen, Francis Jennings Meade, Robert Heber		June 15, 1922 June 16, 1922	17	1
4 1 192	Metzger, Charles Frederick	1	June 20, 1922	18	1
347	Metzler, Carl Philip		June 16, 1922	19	11
432	Miller, Daniel Byrd	South Carolina		17	4
241	Miller, Lawrence Oberst		June 14, 1922	20 19	2 9
320 i494	Miller, Lewis Robinson Miller, Thomas Raymond			19	3
457	Miller, Wallace Joseph	1		18	7
195	Miller, Wayne Hampton	California	do		5
238	Miller, William, jr		June 16, 1922	17	0 1

the second year of their academic course—518 members—June, 1924—Continued

Sea service shi	in practice	Marine engineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
	D				Maximum			
Months	Days	32	56	40	24	20	28	200
5	22	25. 24	38. 64	30. 35	18. 45	13. 17	21. 91	147. 76
5	15	23. 08	36. 54	26. 15	17. 37	16. 39	22. 47	142. 00
.5	6	25. 64	35. 63	29. 45	16. 32	13. 32	24, 43	144. 79
8	13	25, 92 23, 32	36. 96 36. 19	26. 75 25. 80	16. 74 16. 62	12. 92 13. 36	23. 73 23. 87	143. 02 139. 16
5 2	15 10	20. 08	35. 91	25, 30	15. 66	12.79	23. 10	132, 69
5	15	23, 44	36. 12	26. 85	17. 76	15, 72	24. 92	144. 81
5	15	26, 00	40. 18	32, 25	19. 74	15. 37	24. 92	158. 46
8	15	23. 04	38. 08	29. 75	18. 96	14. 32	23, 87	148. 02
5	15	22. 24	35. 56	25. 20	16. 50	14, 43	23, 31	137. 24
5	15	26. 08	40. 95	29. 70	16.68	15. 20	22. 68	151. 29
5	15	25. 80	42. 56	32.40	18. 30	16. 33	24, 64	160. 03
5	15	26. 00	37. 38	28. 35	17. 49	13. 22	23. 31	145. 75
5	15	26. 04	40. 67	32. 90	20. 43	18. 65	24. 08	162. 77
5	15	22. 16	35. 98	27. 45	18. 36	15. 91	21. 98	141.84
5	15	25. 44	46. 55 37. 59	29. 75 29. 60	18. 54 19. 38	15. 13 15. 88	26. 25	161. 66
5 5	15 15	25. 96 26. 56	39. 13	31. 00	20. 67	16. 92	24. 01 24. 36	152. 42 158. 64
5	6	28. 88	50. 05	34. 90	17. 82	14. 01	24. 30	169. 81
5	15	23. 92	36. 96	26. 75	17. 28	13. 28	23. 03	141. 22
5	15	27. 40	48. 86	35. 45	20.76	19. 22	24. 36	176. 05
5	15	25, 36	42. 56	30. 35	19. 50	17. 46	23. 80	159. 03
4	16	24. 68	38. 99	32.95	18.30	16. 02	21, 77	152.71
5	15	22. 00	37. 73	25. 70	17. 58	13. 42	21. 91	138. 34
5	15	23. 08	35. 63	26. 85	17. 40	14.71	22, 33	140. 00
5	15	27. 00	40. 81	32. 45	19. 59	18. 41	25. 20	163. 46
δ	15	23. 00	38. 01	27. 20	17. 46	15. 03	24. 50	145. 20
5	15	23. 60	37. 10	29, 40	18. 90	13. 78	23. 31	146. 09
5	15	25. 20	40. 25	32. 30	19.44	14. 29	23. 52	155. 00
5 5	6 15	23. 96 23. 52	40. 18 35. 35	30. 10 28. 25	17. 07 19. 23	13. 71 12. 97	24. 36 24. 08	149. 38 143. 40
5	15	21. 04	36. 82	26. 85	17. 04	13. 65	24. 08	137. 52
5	15	27. 68	47. 32	35. 75	19. 71	16. 22	23. 94	170. 62
5	15	26. 44	38. 43	29, 00	18. 45	14. 60	23. 31	150. 23
5	15	25. 12	41, 58	30. 15	18. 90	17. 70	23. 73	157. 18
5	15	27. 48	43. 54	33. 65	19.95	17.78	24, 71	167. 11
5	15	23. 44	36, 89	26. 95	18. 51	14. 12	22, 26	142. 17
2	21	22. 60	33. 47	25. 40	18. 06	13. 56	23, 80	137. 79
5	15	24. 24	36. 96	26. 90	16. 68	14. 55	23. 17	142. 50
5	15	24. 12	43. 47	31, 20	19. 02	18. 01	24. 78	160. 60
5	15	26. 36	40.60	29.85	17. 37	14. 41	22.96	151, 55
5	15	26.00	41. 02	30. 65	19.92	16. 59	23. 73	157. 91
5	15	25.84	37. 87	26. 35	16. 62 20. 31	13. 61	23. 80 24. 15	144. 09 166. 85
5 5	15		45. 50 53. 34	32. 90 36. 40	19.80	18. 07 18. 06	24. 15	180. 07
5	15 15	24. 64	43. 26	32, 25	17. 49		21. 84	153. 46
5	15	24. 32	36. 47	28. 30	17. 16		24, 43	145. 25
5	15		37. 24	27. 25	18. 00		23. 80	141. 05
5	15		42. 70	27. 95	17. 22	1	23. 45	150. 58
5	15		38. 15	28. 15	19. 05		22. 47	146.76
5	15		35. 00	25. 20	16. 77	13. 54	23. 59	136. 42
5	15		36. 26	27. 15	16. 48		21. 91	139. 69
5	15		42, 84	30. 30	17. 76		23. 59	153, 29
5	15	24. 80	39. 76	28. 95	18. 30	15. 01	23. 80	150. 62

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gen me fo	der of eral erit	Names	State from which appointed .	Date of admission		date of ssinon
der	ear				Years	Months
	291	Mills, Donald Lewis	Indiana	Sept. 29, 1922	20	1
	325	Mills, Ernest Parker	Michigan	June 15, 1922	19	0
	155	Milton, Homer Virgil	Florida	June 14, 1922	17	10
	221	Moneysmith, Garold Arling	Illinois	June 21, 1922	19	6
	477	Montagriff, Bertram Peter	New York	June 14, 1922	17 19	2
	219 385	Moore, Milton Edward Moore, Robert Rouse	Kentucky	June 28, 1921 Aug. 1, 1922	19	0
	61	Morgan, Philip Sidney, jr	Maryland		18	8
	240	Morony, John Joseph	Iowa	June 13, 1922	17	9
	95	Morrison, James Arthur	Illinois		18	3
	315	Moses, Charles William	North Dakota		17	11
	365 *30	Moss, James Alexander Moureau, Raiph Henning	South Carolina Illinois		18 17	5 8
	63	Mumma, Albert Girard	Iowa		16	4
	46	Mundorff, George Theodore	New York		17	4
	78	Myers, William Girard	Texas		17	8
	241	Nelson, Herning	South Dakota		19	3
	197 199	Newman, John Francis, jr	Kentucky Wisconsin		18 19	2 6
	71	Niekum, Philip, jr	Pennsylvania		17	11
	84	Oakholt, Albert Scribner	do	July 3, 1922	19	8
	118	O'Beirne, Frank	Illinois	June 13, 1922	18	7
	153	Oberholtzer, Wm. Edward, jr	Michigan		17	9
	437 273	O'Connell, John Ennes O'Daniel, Orville Kenneth	NevadaIndiana		17 18	3 10
	4403	Offutt, Anderson	do	June 13, 1922	19	8
	229	Ogden, Daniel Maxwell.	Iowa	Sept. 2, 1922	19	1
	307	Olsen, Earl Kenneth	At large	June 20, 1922	19	0
	73	O'Shea, John, jr	do	June 24, 1922	17	6
	75	Paradise, Morris Elliott	Illinois	June 14, 1922 June 30, 1922	17 18	10 5
	176 416	Parish, Herman Olliff Parr, Marvin Coleridge	Georgia	Sept. 7, 1922	20	2
	421	Parry, Nelson Miles	Pennsylvania	July 18, 1922	19	2
	342	Paschal, Joe Bennett	Mississippi	June 21, 1922	19	2]
	150	Patterson, Ralph Edward	Iowa	June 13, 1922	19	5
	171	Pederson, Oscar	New York	June 21, 1922	17 19	11
	*27 41	Perdue, William Edward Perrill, Harlan Knox	Georgia	Sept. 2, 1922	19	1 9
	373	Perry, Ernest Reide	Texas	Aug. 21, 1922	17	7
	*23	Phares, Jesse Lewis	At large		16	10
	65	Pirie, Robert Burns	Nebraska	,	17	2
	86	Poehlmann, Karl Frederick Pohl, Harold John	Pennsylvania Virginia		17 18	6
	3 50 4 59	Polk, Hubert Jack	Texas		19	1
	111	Pottle, Harry Hathaway, jr	New York		19	4
	337	Pratt, Cleveland Forsyth, jr	do	June 15, 1922	18	2
	341	Price, George Joseph	Pennsylvania		19	2
	491	Prifold, George, jr	New Jersey New York		20 18	1 1
	74 316	Prime, Nathaniel Scudder Prins, Winston Charles Early	Minnesota		18	3
	204	Pryor, William Lee, jr	At large		16	9
	152	Purvis, Robert Selden, jr	Kentucky		18	0
	275	Pyzick, Frank Peter	Minnesota		19	11
	423	Quinn, Charles Henry Ragsdale, Edmund Melson	New York		18 18	5 5
	42	magadale, Edinund Mielson	1.01105	June 16, 1922	10	0

the second year of their academic course-518 members-June, 1924-Continued

Sea service shi	in practice ps	Marine engineering and naval construction	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
Months	Dorra				Maximum			,
Months	Days	32	56	40	24	20	28	200
5	15	27. 08	36. 05	28. 20	17.94	15. 10	23. 59	147, 96
5	15	25. 72	37. 87	28. 40	17.82	12.63	24. 08	146. 52
5	15	24. 32	44.31	30. 05	17.94	15.74	23. 45	155.81
5	15	23. 68	42. 42	29. 25	18. 90	17. 51	19.81	151. 57
5	15 22	23. 04 24. 68	36. 33	25. 80	15. 75	12. 72	24. 57	138. 21
5	15	25. 20	37. 80 36. 40	29. 80 27. 40	18.99	16. 39	24. 22	151.88
5	15	26. 52	44. 73	32. 80	18. 51 19. 77	14. 47	21. 49	143. 47
5	15	24. 16	41. 16	27. 85	18. 36	17. 55 14. 28	23, 80	165, 17
5	15	27. 00	42. 77	31.85	20. 16	14. 28	24. 78 24. 92	150. 59
5	15	25. 40	37. 59	28. 95	17. 25	14. 21	24, 92	160. 91
5	. 4	24. 64	37. 73	27. 70	16. 98	13. 39	23. 73	147. 02 144. 17
5	15	28. 76	43. 26	34. 55	20. 22	19. 22	24. 22	170. 23
5	15	29. 40	44. 80	31. 95	19. 32	16. 11	23. 38	164.96
5	15	27. 44	45. 15	32. 20	20.01	17. 12	25. 41	167. 33
5	15	27. 84	45.36	33. 15	19.86	15. 45	21.63	163. 29
5	15	26. 24	40.74	28. 70	17. 52	14. 21	23. 17	150. 58
5	15	25. 08	39. 41	29. 55	18. 99	17. 56	22. 54	153. 13
5	15	23. 32	40. 95	29. 15	20. 28	14. 76	24. 43	152.89
5	15	27. 76	47. 88	30. 10	19. 17	16. 42	22.33	163.66
5 5	15	25. 04	47. 67	30. 10	19. 14	16. 76	23. 94	162.65
5	15 15	27, 92	41. 86	32. 20	18. 69	13. 76	24, 43	158.86
5	15	25. 24 25. 28	39. 55	32. 35	18. 75	16. 20	23. 80	155.89
5	15	24. 96	35. 98 37. 45	27. 55	17. 25	14. 13	20.65	140. 84
5	15	24. 84	36. 33	28. 10 27. 25	18. 36	15.96	24. 29	149. 12
5	15	26. 28	40. 46	30. 55	16. 80 17. 88	14. 25 14. 34	21. 14	140. 61
5	15	26. 32	42.07	28. 45	16. 98	13. 18	21. 70 20. 37	151, 21
5	15	26. 76	46. 62	32. 40	19. 29	16. 58	21. 98	147. 37 163. 63
5	15	27. 24	43. 68	33. 05	19. 41	17. 63	22. 47	163. 48
5	15	24. 40	38. 43	32, 25	18.66	17. 96	22. 61	154. 31
5	15	24.96	36. 40	26. 35	16. 89	14. 63	22. 61	141. 84
5	15	22. 16	36. 33	28. 05	17. 76	14. 32	22.96	141. 58
5	15	23. 36	38.92	26. 40	18. 33	15. 18	23. 45	145. 64
5	15	25. 80	39.06	32, 85	18.81	17. 00	22. 68	156. 20
5	15	23. 40	43. 68	29.00	18. 27	16. 89	23. 45	154. 69
5	15 15	26. 68	52, 29	34. 45	19. 74	14.81	22.82	170. 79
5	15	28. 88 23. 28	47. 11	33. 10	19.92	16. 16	22. 75	167. 92
5	15	27. 36	37. 66 47. 18	29. 95	17. 25	13. 93	21.84	143. 91
5	15	27. 16	44. 59	33. 80 31. 65	21. 09 19. 98	19.05	23. 52	172.00
5	15	26. 56	41. 72	32. 75	20. 31	14. 96 16. 34	25. 69 24. 64	164.03
5	15	24. 12	37. 03	26. 90	17. 76	13. 90	25. 34	162.32
8	13	22. 72	35. 91	28. 25	17. 67	13. 93	20. 79	145.05
5	15	25. 68	41. 58	28. 80	19. 44	18. 80	24. 99	139. 27 159. 29
5	15	25. 76	37. 73	27. 60	17. 04	13. 20	24. 57	145. 90
8	13	26. 68	35. 91	27. 40	17. 55	13. 41	24. 71	145. 66
5	15	21. 92	36. 26	26. 35	17. 37	13. 03	21. 91	136.84
5	15	28. 04	42.42	33. 25	20.97	14. 62	24. 29	163. 59
5	15	23. 16	38. 36	28. 70	19. 14	14. 23	23.38	146. 97
5	15	25. 96	37. 80	28. 90	19. 44	18. 23	22. 33	152.66
8	13	25. 04	44.87	31. 85	19. 08	14.84	20. 30	155. 98
5	15	26. 84	36. 54	29. 60	18. 60	14. 54	22.96	149.08
5 5	15	23. 40	36. 54	26, 90	17. 79	14. 64	22, 26	141.53
0 1	15	25. 36	46. 48	32. 25	20. 73	18. 25	24.71	167.78

Order of general merit for aca-	Names	State from which appointed	Date of admission	Age at date of admission		
demic				Years	Months	
391	Ramsey, Carl Wayne	North Carolina	June 23, 1921	18	8	
434	Ransom, James Wallace	New Jersey		18	10	
335	Raugh, James Plummer	Pennsylvania	,	17	8	
322	Redfield, Morgan	New York	June 24, 1921	19	10	
1465	Reed, George Latimer, jr	Pennsylvania		20	5	
286	Reich, Herman	California Delaware		17 19	10	
408	Reynolds, Luther Kendrick	Mississippi		16	10	
295	Rhodes, John Lonnie, jr.	Florida	June 13, 1922	17	5	
396	Rice, Stephen Ewing, 3d	do	do	16	11	
370	Rimer, Theodore Wesley	Washington	June 20, 1922	18	6	
357	Ripley, Henry Fremont	North Dakota	,	. 17	7	
106 52	Rippey, Owen Taylor	Maryland Rhode Island	June 14, 1922	17 19	9	
1283	Ritchie, Edward Cecil Roach, Edward Loring Dix, 2d	Pennsylvania	June 21, 1922	18	4 3	
369	Robertson, Frank Wright	Missouri	June 23, 1921	18	8	
134	Rodee, Walter Fred	Arizona	Aug. 1, 1922	18	2	
*16	Rodgers, James Hunter	Pennsylvania		18	11	
442	Rohweder, Charles Roland	Ohio		19	10	
179	Romoser, William Kilian	West Virginia		19	0	
198 475	Rozendal, Henry Dirk Rule, Arthur Richards, jr.	Kansas Kentucky	June 27, 1922 June 13, 1922	20	0 10	
264	Russell, Benjamin Van Meter	Kansas	July 3, 1922	18	2	
*15	Russell, James Sargent	Washington	June 20, 1922	19	3	
247	Ruth, Ernst August, jr	New Mexico	June 14, 1922	17	10	
252	Rutledge, William Weaver	Missouri	Aug. 8, 1922	19	0	
233	Salzman, Elmer Henry	Wisconsin	Sept. 2, 1922	20	3	
412	Sands, Tracy Bruton	Arizona	June 21, 1922	19 20	11	
458 397	Sarsfield, Eugene Sylvester	At large Pennsylvania	Sept. 2, 1922 June 15, 1922	19	5	
123	Schaede, Frank Byron	Colorado	June 16, 1922	17	9	
167	Schanze, Edwin Stansbury	Maryland	July 25, 1922	18	7	
56	Scrymgeour, Harper Duncan	Michigan	July 7, 1922	18	0	
502	Seckendorff, Maximilian Gebhardt	Pennsylvania	June 15, 1922	18	3	
79	Sellers, Abbott Mannie	Georgia	June 13, 1922	17	8	
180 479	Shanahan, Harold Martin	Pennsylvania New York	June 21, 1922 June 15, 1922	19	9 6	
379	Shane, Louis, jr	Washington	June 20, 1922	17	9	
273	Shapiro, Israel David	North Carolina	July 3, 1922	18	9	
257	Shaw, William Robert	Ohio	July 11, 1922	18	2	
160		do	June 30, 1922	18	3	
245	Shillingford, John Thompson	Pennsylvania	Aug. 8, 1922	18	2	
308	Shoemaker, John	Arizona	Aug. 1, 1922	19	10	
346 157	Shofner, James Newton Signer, Charles Edward	Tennessee	June 21, 1922 June 13, 1922	19 19	10	
	Silard, Con David	Pennsylvania	June 20, 1922	18	7	
1	Simpson, John Hammond	Tennessee	June 22, 1922	18	8	
	Singleton, Charles Todd, jr	Mississippi		17	0	
	Smedberg, William Renwick, 3d	California		19	9	
	Smith, Ralph Dempcy	West Virginia	June 28, 1922	16	9	
	Smith, Sidney Layton	Maryland Virginia	June 16, 1922 June 15, 1922	18 19	10	
400	Smoot, Otho Perry, jr			19	4	

the second year of their academic course-518 members-June, 1924-Continued

Seas	service sh	in practice ips	Marine engineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
) I	Maximum			
Mo	nths	Days	32	56	40	24	20	28	200
	8	13	23. 08	36. 12	27. 50	18. 90	15. 58	21. 98	143. 16
	5	15	23. 72	35, 98	25. 50	18, 03	14, 31	23. 45	140. 99
	5	15	25. 12	35. 56	27. 15	17. 55	15. 16	25. 48	146. 02
	8	- 13	23. 64	37.94	29. 45	17. 31	15. 53	22, 82	146. 69
	5	15	23. 24	34. 65	26. 15	17.85	13. 56	23. 38	138. 83
	5	15	22. 96	38.92	31. 20	20. 46	17. 21	22.96	153. 71
	5	15	23. 44	40. 46	28. 75	17. 64	14. 81	23, 31	148. 41
	5	15	23. 68	37. 52	26, 25	17. 28	15. 04	, 22. 54	142. 31
	5	15	24. 64	37. 45	28. 30	19. 11	14, 72	23, 66	147. 88
	5	15	22. 32	38. 22	27, 45	17. 46	13. 61	23. 80	142.86
	5	15	22. 04	36. 96	27. 30	18. 36	14. 44	24. 85	143. 95
	5	15	23, 48	38. 29	26. 40	18. 96	14. 45	23, 17	144. 75
	5	15	24. 44	44. 38	31. 50	17. 25	18. 51	23. 66	159. 74
	5	15	28. 32	46. 27	33. 35	18. 81	15. 98	23. 80	166. 53
	5	15	24. 88	44. 45	31, 60	19.35	16. 20	21, 56	158.04
	5	15	23. 16	35. 14	27. 25	18. 99	17. 77	21. 70	144. 01
	5	15	25. 92	40. 81	30. 60	19. 05	17. 37	23. 94	157. 69
	5	15	25. 80	53. 06	36. 60	18. 27	16. 05	23. 80	173. 58
	5	15	23. 48	38. 29	27. 15	16. 53	13. 47	21.63	140. 55
	5	15	26. 68	41.30	30. 30	18. 45	13. 31	24. 22	154. 26
	5	15	25. 60	42.00	30. 20	18. 90	15. 26	21.14	153. 10
	5	4	23.60 22.36	36. 05	27.15	15. 90	13. 59	21.98	138. 27
	5	15		38. 29	30.80	19. 23 19. 95	14. 75	24. 22	149.65
	5	15	28. 56	49. 84	33.75		17. 62	24. 36	174. 08
	5	15	23. 76 23. 36	38. 92 38. 85	29. 55 29. 10	17.67 19.23	17. 19 16. 23	23. 31 23. 45	150. 40 150. 22
	5 5	15 15	25. 52	39. 90	30.45	19. 23	14, 17	22, 33	150. 22
	5	15	21. 36	38. 08	26. 10	18. 15	15. 07	23. 38	142, 14
	5	15	22, 64	36. 54	25. 85	17. 50	13. 84	23.31	139. 58
	5	15	24. 44	36.96	27. 30	18.36	13. 27	22. 47	142.80
	5	15	27. 20	42.00	30. 20	19. 20	17.61	22, 26	158. 47
	5	15	25. 56	45.36	29. 95	17. 19	13. 76	23.38	155. 20
	5	15	26. 80	46. 27	32.75	19.44	16.40	24. 29	165. 95
	5	15	20. 72	35. 14	25, 70	17. 13	14, 54	21, 91	135. 14
	5	15	26. 08	43.68	32.95	19. 56	17. 15	23. 59	163. 01
	5	15	26. 52	42. 77	28, 85	18. 12	14. 95	22, 89	154. 10
	5	15	21, 48	35. 42	25. 95	18. 45	14.49	22, 26	138. 05
	5	15	24. 36	37. 73	27. 20	17. 31	14.61	22. 54	143. 75
	5	15	24. 28	38. 29	30.60	18.60	14.04	23. 31	149. 12
	5	15	24. 56	39. 69	30.65	17. 37	13. 78	24. 01	150.06
	5	15	24. 24	43.82	32.75	18.54	12. 77	23. 45	155. 57
	5	15	24. 52	36.68	30.45	18. 36	14. 83	25.62	150. 46
	5	15	23. 92	35, 35	27. 40	19.71	17. 34	23. 59	147. 31
	5	15	24. 80	36.75	28, 65	18.36	14.02	22. 68	145. 26
	5	15	25. 20	42.84	29, 90	18.06	14. 27	25. 48	155. 75
	5	15	23. 36	36. 96	27.45	19. 59	16.32	24.01	147.69
	5	15	24. 52	42.42	33.00	18. 54	13. 25	24.64	156. 37
	5	15	24. 52	36.12	27. 05	19.44	14. 43	24, 43	145. 99
	5	15	24. 56	37. 94	31. 55	20.46	16. 94	25. 69	157. 14
	5	15	25. 44	39. 90	27. 70	18.33	15. 05	23. 73	150. 15
	5	15	29. 16	49.07	34. 25	20. 52	14.42	24. 15	171. 57
	5	15	23. 72	35. 70	27. 31	17. 10	14. 68	24, 22	142.72
	5	15	27. 08	42.63	31.70	19.80	17. 10	23. 80	162. 11

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Order				Age at	date of
of					ission
general merit	27	State from which	Date of		
for	Names	appointed	admission		
aca- demic					
year				Years	Months
464	Spencer, Charles Donald	Pennsylvania	June 20, 1922	19	1
*20	Sprenger, William Conrad	New York	June 14, 1922	17	11
68	Stahl, Walter Carl	Idaho	June 17, 1922	17	9
333	Stanford, Arthur George	Connecticut	June 13, 1922	19	4
105	Stefanac, Joseph Barnaby	Michigan	Aug. 28, 1922	19	6
295 482	Stelter, Frederick Carl, jr Stewart, Charles Ralph	Arkansas Pennsylvania	June 13, 1922	19 17	7 0
*12	Stiegler, Oscar	Maryland	June 29, 1922 June 14, 1922	18	4
140	Still, Everett Hale	South Carolina	Sept. 2, 1922	19	10
116	Stirling, Yates, 3d	At large	June 16, 1922	17	9
85	Stout, Herald Franklin	Ohio	June 14, 1922	19	0
*4	Strain, Charles Lynn	Indiana	June 13, 1922	18	5
247	Strange, Hubert Ellis	Pennsylvania	June 15, 1922	18	11
243 *18	Stratton, Roy Biggs	New Mexico	June 16, 1922 June 15, 1922	19 17	1 8
107	Strother, John Almon	New Jersey	Aug 8, 1922	18	2
180	Stuart, Joseph Marcus	Kentucky	June 17, 1922	17	2
165	Stuart, Lennox Hamilton	New York	June 20, 1922	18	3
44	Sullivan, Dennis Joseph	Montana	June 14, 1922	18	9
168	Summers, Clarence Gibbs, 3d	Pennsylvania	July 11, 1922	18	4
305	Sweeney, Daniel Joseph	New Hampshire	June 20, 1922	18	6
435	Sweeney, John Driscoll	New York	July 3, 1922	19 20	9
172 *1	Sweetser, Willard Merton Sylvester, John	Maine Colorado	July 3, 1922 June 13, 1922	17	1 11
121	Taecker, Carroll Hervy	South Dakota	July 14, 1922	19	2
$152\frac{1}{2}$	Taff, Clarence Orvil	California	June 16, 1922	19	10
191	Taylor, Ford Newton, jr	Mississippi	June 22, 1922	17	9
206	Taylor, John Barrett	South Dakota	do	16	9
*21	Taylor, John McNay	At large	June 17, 1922	17	1
360 323	Taylor, William Cooper Tedder, Fondville Lee	New Jersey Texas	June 20, 1922 June 15, 1922	17 18	7 8
*29	Thomas, John Bayard	Ohio	July 6, 1922	17	3
249	Thomas, Olin Perry, jr	Pennsylvania		17	4
384	Tobelman, Paul Henry	Arizona	June 17, 1922	18	10
363	Todd, Belden Wilmer	Texas	June 15, 1922	19	10
452	Tompkins, Benjamin Francis	South Carolina	June 29, 1922	19	9
i 440 226	Truax, William David Brown Tucker, Samuel Marion	New Jersey	June 23, 1921 June 28, 1922	19 17	1 4
373	Turek, William	Wisconsin	June 24, 1921	19	1
64	Vangeli, Mario Giovanni	Pennsylvania	June 15, 1922	18	1
190	Vodila, Louis Lawrence	do	Sept 29, 1922	19	10
499	Voit, Edwin Francis	Indiana	Sept 2, 1922	19	2
43	Vreeland, Jay Henry	New York		18	5
312	Wadbrook, Charles Gurney	New Jersey	June 13, 1922	18	4
159 468	Waldron, Eugene Matthew Walsh, John Franklin	Massachusetts New Mexico	June 14, 1922 June 20, 1922	19 17	2 5
*13	Ward, James Henry	Washington	June 27, 1922	19	7
484	Ward, Samuel Claumont	Ohio	June 16, 1922	20	0
174	Warren, Doyle Cassius	Texas	Aug 9, 1922	17	9
214	Watson, Paul Wesley	Illinois	June 14, 1922	19	10
187	Watson, William Allison	Tennessee	June 15, 1922	18	7
*11 397	Weaver, George Calvin Weaver, Norman Ellis	Pennsylvania Wisconsin	June 28, 1922 June 24, 1921	16 18	11 5
391	Webster, Hugh Powell	Ohio	June 14, 1922	19	2
0.94					

the second year of their academic course—518 members—June, 1924—Continued

Sea service in practice ships and naval construction		in practice ps	and naval construc-	Mathe- matics	Electrical engineer- ing and physics	English	Languages .	Aptitude for the service	Aggregate second year
		_	·			Maximum			,
Mont	ths	Days	32	56	40	24	20	22	200
	5	15	22, 72	34, 93	25. 90	17. 94	13. 50	23. 94	138. 93
	5	15	28, 24	48. 23	36. 60	19. 50	16.69	23. 31	172. 57
	5	15	27. 68	41.51	32. 95	20.37	17. 27	23. 94	163. 72
	5	15	21. 16	38. 57	26. 50	18. 78	18. 31	22.75	146.0
	5	15	25. 48	43. 26	31. 15	19. 14	17. 63	23. 31	159. 9
	5	15	23. 16	39, 97	26. 80	19.02	13. 17	25. 76	147. 8
	5	15	22.88	35. 70	25. 95	17. 55	13. 65	22. 19	137. 9
	5	15	27. 92	52, 22	35. 45	18. 42	17. 54	23.87	175. 4
	5	15	23. 32	40. 88	32. 05	19. 71	17. 44	23.66	157. 0
	5	15	24. 52	43. 89	30.90	18. 51	16. 39	24. 78	158. 9
	5	15	28.60	38. 57	33. 30	21.00	17. 36	23. 59	162. 4
	5	15	28, 40	52. 01	36. 80	20.88	19. 55	24. 22	181. 8
	5	15	26.08	41.02	30.95	17. 52	13. 20	21.63	150.4
	5	15	25. 60	38. 64	28. 40	17. 73	16.49	23.66	150. 5
	5	15	27. 72	48. 23	34. 35	19. 92	17. 78	24. 99	172.9
	5	15	28.00	42. 28	31.70	19. 41	14. 68	23.66	159. 7
	5	15	23. 64	42. 14	30. 90	18. 12	15. 64	23. 66	154, 1
	5	15	26. 96	39. 27	31, 15	19, 62	14. 72	23. 59	155. 3
	5	15	28.60	43.05	35. 00	20. 52	15. 73	24. 57	167. 4
	5	15	26. 52	41. 30	30, 90	17. 25	14. 23	24. 92	155. 1
	5	15	22. 48	37. 31	29. 20	18.09	16. 73	23. 59	147. 4
	5	15	22. 20	35. 49	27. 05	17. 46	16. 94	21. 84	140. 9
	5	15	26. 16	38, 92	30.70	18. 42	15.05	25. 41	154. 6
	4	5	28. 52	54. 88	37. 85	21. 51	18. 64	23, 45	184. 8
	5	15	23, 96	44. 17	32, 90	18, 24	16. 99	22. 40	158. 6
	5	15	25. 16	41.16	29. 55	18. 75	16. 70	24. 64	155. 9
	5	15	25. 84	41.37	30. 75	17. 85	14. 98	22. 82	153. 6
	5	15	25. 16	39. 62	30. 30	19. 38	15, 80	22, 26	152. 5
	5	15	28. 12	48. 16	34. 80	20.07	17. 49	23. 87	172. 8
	5	15	25. 04	38. 85	27. 30	17. 40	13. 42	22, 54	144. 8
	5	15	26. 12	38. 92	26. 70	18. 21	13. 37	23. 31	146. 6
	5	15	27. 28	50. 33	33. 55	19. 47	16. 91	22, 82	170. 3
	5	15	23.96	39. 90	30.80	18. 45	14. 10	23, 10	150. 3
	5	15	25. 04	36. 96	25, 90	17, 22	13, 77	24, 64	143.
	5	15	24. 40	36. 12	30.05	17. 85		23. 03	1
	5	15	21, 20	37. 24	26. 40	18. 96		21, 28	
	8	13	23. 56	34. 65	27. 30	16. 86	14.06	24, 22	
	5	15	25. 60	39. 55	31, 90	17. 31	14.04	23. 03	151. 4
	8	13	24. 04	36. 82	27. 30	17. 43	14. 45	23. 87	
	5	4	25. 40	42.91	33.00	20. 91	19. 14	22. 82	164.
	5	15	24, 64	40. 25	30. 65	19. 11	15. 52	23. 45	153.
	5	15	21. 36	36. 19	26. 20	16.77		20. 79	
	5	15	25, 32	45, 71	33.95	19, 83		24, 50	
	5	15	22, 76	37. 80	29, 15	19.65		22. 61	
	5	15	26. 48	39, 41	28. 60	19. 29	18.08	23. 73	
	4	16		35. 56	25. 45	16. 68		24. 43	
	5	15		49. 63	34, 70	20. 64		23. 38	
	5	15		36. 75		16. 68		22. 47	
	5	15		40. 11		18. 48		22, 75	
	5	4		41. 51	28. 85	17. 76		24. 08	
	5	15		45. 99		17.85		23. 24	
	5	15		51. 59		19. 20		23. 80	
	8	13		36. 19		19, 14		23. 10	
	5	15		46. 69		19. 23		25. 27	
	5	15		39. 06		16. 80			

Order of general merit for	Names	State from which appointed	Date of admission	Age at date of admission	
aca- demic year		uppoi.2302	3333332	Years	Months
169	Weis, George Henry	Maryland	July 12, 1922	18	9
176	Wells, John Katz	Utah	June 15, 1922	19	8
324	Westbrook, Ralph Edward	Illinois	July 6, 1922	17	10
o 500	Wev, Bosquet Neill	Virginia	June 17, 1922	18	7
54	Whelan, Thomas Murray	Iowa	July 28, 1922	19	.7
35	Whipple, Walter Jones, 2d	Louisiana	June 16, 1922	16	3
488	White, William	New Hampshire	June 20, 1922	18	10
49	Whiteside, William Joseph	New York	June 14, 1922	19	8
45	Whiteside, William Smith	Indiana	June 16, 1922	18	0
433	Whiting, Charles Jonathan	Maine	July 25, 1922	16	5
128	Whitson, George Martin, jr	North Carolina	July 12,1922	17	3
310	Wilfong, John Lester	Washington	June 14, 1922	19	9
319	Williams, Joseph Bassett	New Hampshire	June 20, 1922	19	4
394	Willingham, Solomon David	Alabama	June 17, 1922	18	4
283	Wilson, Beverly Elmer	Texas	June 20, 1922	16	9
227	Winfrey, John Allen	Tennessee	June 15, 1922	18	8
383	Wise, Edward Crosby	Arkansas	June 16, 1922	17	5
265	Withers, Hartnall Jackman	Montana	June 21, 1922	18	10
279	Wolfe, Joseph Leon	Virginia	June 28, 1921	18	5
103	Wolverton, Thomas Michael	Oklahoma	July 13,1921	18	1
358	Woodbury, John Leland	Massachusetts		17	7
263	Wornham, Thomas Andrews	New York		18	6
*24	Wright, Wesley Arnold	Massachusetts	June 21, 1922	19	10
196	Wyckoff, Peter Albert	New Jersey	July 11, 1922	18	5
117	Young, John Somerville Eaton, jr	North Carolina	July 3, 1922	18	10
340	Zemlicka, Ray	South Dakota		19	1
57	Zirkle, Earl Blair	Kansas		18	11
281	Zurmuehlen, Gerald Dale	Iowa	June 14, 1922	19	4

the second year of their academic course-518 members-June, 1924-Continued

Sea	service sh	in practice ips	Marine engineering and naval construc- tion	Mathe- matics	Electrical engineer- ing and physics	English	Languages	Aptitude for the service	Aggregate second year
						Maximum			
Mo	onths	Days	32	56	40	24	20	22	200
	5	15	24. 52	42. 49	30. 55	18.48	14. 82	24. 22	155, 08
	5	15	26. 60	39. 55	29. 80	19. 80	14. 97	23. 59	154. 31
0	5	15	24. 96	35. 77	29. 05	18. 54	15.71	22. 54	146. 57
	5	15	22. 60	34. 65	25. 20	17. 64	12. 72	22, 40	135. 21
	5	15	26. 96	47.81	33. 10	18. 60	16.09	23. 45	166. 01
	5	5	27. 92	48. 65	32. 75	18. 63	18. 75	22. 26	168. 96
	5	15	23. 04	35. 70	25, 65	17. 07	13. 68	21. 77	136. 91
	5	15	27. 84	44. 66	34. 05	19. 50	17.87	23. 17	167. 09
	5	15	28. 60	47. 04	34.05	19. 47	16. 33	21. 91	167. 40
	5	15	21. 52	35. 77	27. 55	17. 94	15. 75	22. 47	141.00
	5	15	25. 92	39. 41	32. 50	19. 71	15. 81	24. 71	158.06
	5	15	24. 96	37. 17	27. 05	19. 35	13. 91	24. 78	147. 22
	5	15	23. 92	37. 94	28. 10	19. 32	13. 35	24. 15	146. 78
	5	15	23. 40	36. 68	27. 60	• 17.70	14. 29	23. 31	142. 98
	5	15	25. 64	37. 31	27. 10	17. 91	18. 14	22. 54	148. 64
	5	15	25, 60	40. 95	29. 60	17. 73	13. 79	23. 66	151. 33
	5	15	23. 36	38. 36	27. 30	17. 10	16. 42	21.00	143. 54
	5	15	25. 36	39.90	29, 25	18. 12	14. 94	22. 05	149. 62
	5	15	24. 76	38. 08	28. 90	19. 32	14.70	23. 03	148. 79
	8	13	28. 68 24, 00	40. 04 38. 99	31. 45 29. 00	20.13	14. 73 13. 17	25. 06 23. 52	160. 09 144. 73
	5	15	24.00	38. 99	29. 00	19. 62	15. 17	23, 52	144. 73
	5	15	23, 28			19. 62	15. 34	23. 10	171. 68
	5 5	15	26. 68	51. 24 40. 81	34. 10 29. 40	19. 05	16. 67	22. 19	171. 08
	5	15	26. 64	40. 81	30. 75	18. 66	17. 37	23, 59	158. 87
	5	15	26. 64	37. 59	27. 70	17. 19	13. 82	23. 10	145. 72
	5		25. 88	44. 66	35, 15	17. 19	17. 13	23, 59	165, 61
	5	15 15	25. 88	37. 73	28, 55	19. 20	12. 86	23. 59	148. 72
	9	15	25. 20	31.13	28. 55	19, 74	12. 80	24. 04	140. 12

Merit roll of the midshipmen of the present third class (class of 1927)

					-
Order					date of
of gen-				adm	ission
eral merit	Names	State from which	Date of ad-		
for aca-	Tturies	appointed	mission		7
demic year					
Joan				Years	Months
0750	Abernethy, John Robert	Mississippi	July 9,1923	18	0
447	Adams, Howard Chipman	Utah	July 13, 1923	18	1
173	Afong, Abram Henry, jr	Hawaii	July 2, 1923	17	10
*43	Agens, Frederic Francis	Oregon		18	9
*3	Aldaman Behart Barbar	Nebraska	July 23, 1923	18	9
142 256	Alderman, Robert Barber Allan, Halle Charles, jr	Oregon Florida	July 5, 1923	19 18	3 8
686	Allen, Ethan Warren	Kansas	July 9, 1923	20	3
553	Allen, Robert Addison	Michigan	Aug 27, 1923	18	5
280	Amsler, Jack Bennard	Texas		20	ő
573	Anders, Arthur Ferdinant	do	July 5, 1923	19	9
*62	Anderson, George Whelan, jr	New York	July 3, 1923	16	7
659	Anderson, Oddle Wilbur	Missouri	July 16, 1923	19	6
527	Andrews, John, jr	North Dakota	July 12, 1923	17	8
446	Armstrong, Henry Jacques, jr	Utah	July 11, 1923	20	1
i 712	Armstrong, Wade Herbert	Mississippi	Sept 5, 1923	19	7
196	Asher, Ben Dyer	Oregon	July 3, 1923	17	1
421	Ashford, William Henry, jr	Nevada	July 9, 1923	19	11
472 625	Ashley, Gordon Shaw Atkeson, John Conner	California	July 10, 1923 Sept 5, 1923	19 18	7 0
556	Atkins, Francis Emery	Maine	Sept 4, 1923	19	8
319	Averill, James Kent.	New York	do	18	11
567	Bailey, John	Texas	July 5, 1923	18	9
$355\frac{1}{2}$		Rhode Island	July 6, 1923	18	6
528	Baker, Glenwood Floyd	Michigan	July 10, 1923	18	1
463	Balfrey, William Edward	Massachusetts	July 9, 1923	16	10
99	Barbot, Leon Joseph	South Carolina	July 5, 1923	18	6
267	Barnes, Robert McCumber	North Dakota	July 10, 1923	16	11
h684 100	Barnette, Stuart Moffett	Delaware	Sept 4, 1923	18 18	4 11
i747	Baskin, Arthur Crawford Walker———Batterton, Boeker Charles————————————————————————————————————	Illinois	Sept 4, 1923 July 2, 1923	19	1
191	Bauer, Harry Frederick	Tennessee	July 3, 1923	19	ō
96	Bayler, Walter Lewis John	Pennsylvania	July 16, 1923	18	3
*4	Bays, John William	Indiana		18	8
263	Beasley, Charles Black	Tennessee	July 6, 1923	19	6
513	Belden, Richard Nathaniel	Connecticut	July 5, 1923	18	10
ħ666	Bell, Lyman Herrick	Iowa	July 3, 1923	18	0
176	Bengston, Wayne Emory	Wisconsin	July 6, 1923	17	5
227	Bennett, Rawson, 2d.		July 5, 1923	18	1 9
107 359	Benson, James Francis	Rhode Island West Virginia	July 6, 1923 Aug 31, 1923	18 17	10
416	Bergeson, Andrew Harold Bergin, Charles Kniese		July 9, 1923	19	5
*48	Bernet, John Christian	Missouri	July 12, 1923	16	7
170	Berry, Frederic Aroyse, jr.	Illinois		16	8
*44	Biddle, Stratford Bradish, jr	California		17	1
i740	Black, Lex Leroy		Sept 20, 1923	18	7
456	Blackwell, Jesse			18	8
636	Blake, Ernest			19	11
392	Blanchard, James William			19	6
285	Born, Arthur Stephen			18	10 5
h726	Boss, Carlos Ransom			18 18	7
616 316	Bottom, George Albert Boulware, Joe Wood			18	1
ħ690	Bowden, William Kendrick			19	4
		Texas		20	0

for the first year of their academic course—761 members—June, 1924

Sea service in practice ships		Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
3.5				Max	imum		
Months	Days	16	32	20	16	16	100
0	00	9. 96	13. 44	7. 45	3. 26	14. 84	48. 9
2	24	12, 52	21. 84	14.00	12.64	15. 64	76.6
2	24	13. 26	25. 32	14. 34	13. 26	15. 56	81. 7
2	24	14. 46	27. 20	16.26	13. 54	15.32	86.7
2	24	15. 12	29. 44	16.60	15. 70	15. 64	92. 5
2	24	12. 62	23. 24	17. 20	14. 74	14. 76	82. 8
2	13	13. 56	24. 08	15. 72	11. 18	15. 60	80. 1
2	24	12, 36	20. 20	13. 10	10.46	15. 48	71. 6
2	24	13. 58	22. 68	12. 56	10. 68	15.00	74. 5
2	24	11. 54	24. 12	16. 30	12. 10	15. 52	79. 8
2	24	12. 50	21.64	13. 36	11. 08	15. 56	74. 1
2	24	13. 62	25. 20	16. 80	14. 22	15. 88	85.
2	24	12.36	20. 64	13.06	10.82	15.48	72.
2	24	11.82	20. 72	14. 80	11.94	15. 76	75.0
2	24	13.60	21. 20	13.83	12. 22	15.80	76.
0	00	12. 26	17. 64	14. 56	10.06	15. 68	70.
2	24	13. 98	24. 68	15. 78	11. 18	15. 68	81.
2	24	11. 44	21.64	15. 65	12.64	15. 76	77.
2	24	13. 10	21. 12	14. 73	12.64	14. 56	76.
2	24	13.48	20. 52	12. 95	10. 30	15. 96	73.
6	22	12. 36	22, 48	14. 83	11. 54	13. 20	74.
2	24	13. 34	23. 56	14. 69	11.74	15. 52	78.
- 2	24	12.82	21. 00	14. 28	10. 36	15. 76	74.
0	00	12.06	22. 68	16.88	13. 62	13. 16	78.
2	24	12.72	21. 12	15. 41	10. 20	15. 56	75.
2	24	12. 22	20. 32	14.87	13. 30	15.60	76.
2	24	13. 82	28. 60	14.80	13. 32	13. 60	84.
2	24	12.42	24. 28	15. 90	12. 26	14. 96	79.
2	24	13.00	19. 64	13. 94	10. 22	14. 84	71.
2	24	13. 76	27. 24	15. 08	12.94	15. 08	84.
2	24	10. 54	16.08	14. 71	8. 88	15.04	65.
2	24	13. 38	24. 24	15. 46 15. 01	13. 26 14. 62	15. 08 15. 16	81.
2	24	14. 12	25. 36	16. 96	15. 26	16.00	84. 92.
2	24	14. 78	29.00	14. 73			92. 79.
2 2	24 24	12. 72 11. 12	25. 08 22. 92	14. 73	11. 96 11. 60	15. 40 15. 40	75.
2	24 24	13. 62	19. 40	14. 52	9. 70	15. 40	73.
2	24	13. 62	24. 72	15. 01	13. 14	14. 52	81.
2 2	24 24	13. 32	24. 72	16. 60	13. 14	14. 52	80.
2	1	13. 32	26. 24	16. 16	13. 28	15. 24	83.
2	24 24	12. 80	24, 20	13. 66	13. 28	15. 24	78.
2	24	12.36	24. 20	14. 42	10. 30	15. 80	77.
2	24 24	13. 52	26. 16	16. 25	15. 32	15. 28	86.
2	24	13. 70	23. 76	15. 59	12. 98	15. 72	81.
2	24	13. 74	26. 76	17. 01	13. 72	15. 44	86.
2	24	11. 58	17. 92	13.64	8.76	15. 76	67.
2	24	11. 30	23. 04	15. 23	11. 58	15. 24	76.
2	24	10.80	20.60	13. 88	12.60	15. 04	72.
2	24	12.06	22. 40	15. 19	12.42	15. 56	77.
2	4	13. 56	25. 12	14. 17	11.80	14. 88	79.
0	00	10. 38	21. 32	12. 74	9. 24	15. 44	69.
2	24	12. 16	21. 44	13. 99	10. 32	15. 44	73.
2	24	13. 64	23. 56	15. 46	10. 52	15. 72	78.
2	24	13. 20	19. 68	14. 10	10. 78	13. 68	71.
2			24. 76	15. 79			1

Order of gen- eral merit for aca- demic	Names	State from which appointed	Date of ad- mission		t date of nission
year				Years	Months
*31	Bowling, Selman Stewart	Indiana	July 9, 1923	17	2
575	Boyd, Clarence Evans	South Carolina	July 3,1923	18	9
204	Boyd, Raymond Gordon	Iowa	Aug. 16, 1923	18	6
327 482	Boyer, Randolph Burten Braddy, Robert Edgar, jr	Minnesota	July 3, 1923 Sept. 4, 1923	19	10 10
633	Bradshaw, James Larkin	do	Aug. 15, 1923	17	2
i734	Bradshaw, Joseph Daniel	Virginia	Aug. 6, 1923	17	10
i708	Bradshaw, Joseph Thomas	Alaska	Sept. 4, 1923	20	3
526	Branson, John Joseph	New York	July 5, 1923	19	1
h683 311	Brett, James Henry, jr	Georgia	July 2, 1923 Aug. 27, 1923	17 19	9 5
378	Briggs, Harold Melvin	Michigan	Sept. 4, 1923	19	0
200	Bristor, William Beverly	Maryland	June 14, 1922	18	10
95	Brixner, Robert Cecil	New Mexico	July 5, 1923	19	8
237	Broach, John Cozine	Mississippi	July 10, 1923	18	11
510	Brockman, William Herman, jr	Ohio	Sept. 11, 1923	18	10
199	Brodie, Robert, jr	Kentucky	July 2, 1923	18	7
520 587	Brown, John Thompson, jr	South Carolina		19 18	8
ħ700	Bruen, Cuthbert Joseph	do		16	7
300	Bruner, Arthur Griffith	Utah		20	0
531	Bruner, Frank	South Dakota	July 3, 1923	19	8
84	Bryson, William Campbell	Missouri		18	4
433	Buckley, Argyll Edwin	Washington	-	18	10
611 677	Burch, William Oscar, jr	Kentucky North Dakota	_	19 18	6
121	Burlingame, Creed Cardwell	Kentucky		18	4
589	Burns, Oakley Willard	Texas		20	2
600	Burt, Donald George	Pennsylvania	July 6, 1923	19	0
664	Buttrey, Andrew Brooks	Tennessee		20	1
332	Butz, Jesse Samuel Cooper	Illinois		18	2
474 h664	Byrd, Marion Moore	South Carolina Montana		19 18	1 4
296	Calderhead, Renwick Silas	Alaska		19	11
*57	Caldwell, Henry Howard	Nevada		17	9
91	Camp, Floyd Charles	Arkansas		17	7
364	Card, Paul Wentworth	Rhode Island		18	9
212	Carey, Joseph	New Jersey		19 19	8 4
i 746 709	Carmichael, Delos Dorrington Carpenter, Lester Wilson	Indiana		18	3
558	Carter, Albert Samuel	Wisconsin	_ ,	19	3
556	Caruthers, William Rowell	Arkansas		17	0
403	Cassady, Arnold Henry	California		17	2
437	Caswell, Gordon Leonard	Massachusetts		18	0
729	Caufeld Cool Thilman	Illinois	July 3, 1923 July 7, 1923	19 19	1 8
*54 159	Caufield, Cecil Thilman Chamberlin, Leonard Cornelius.	TexasAt large	July 7, 1923 July 3, 1923	16	11
186	Chappell, Guy DeWitt	Arkansas	July 2, 1923	18	6
400	Chappell, Lucius Henry, jr.	Georgia	July 9, 1923	18	5
*78	Chilton, William Pierce	Alabama	July 2, 1923	17	8
238	Chittenden, John William	Indiana	June 29, 1922	19	7
250	Clark, John Edward	Kansas	July 9, 1923 Aug 20, 1923	17 18	11
671 656	Clark, Thurston Booth Clendening, Cyrus Turner	Virginia New York	Aug 20, 1923 July. 3, 1923	19	1
155	Clutts, Charles Edward	Ohio	Sept. 26, 1923	19	4

first year of their academic course—761 members—June, 1924—Continued

Sea service in practice ships		Marine en- gineering and naval construc- tion	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
	_			Maxin	num		
Months	Days	16	32	20	16	16	100
2	24	13. 54	26. 16	17. 12	15. 70	14. 88	87.4
2	24	10.62	22. 00	14. 14	11.84	15. 52	74. 1
2	24	12. 48	23.84	16. 46	12. 66	15. 64	81.0
2	24	12.76	23. 32	14. 64	12. 30	15. 68	78. 7
2	24	11. 48	22. 56	14. 41	12.02	15. 52	75. 9
2	24	10.82	21, 12	13. 75	11.88	15. 36	72.9
2 2	24	11. 00 10. 94	18. 16 18. 96	13. 36 14. 31	10. 28 10. 88	15. 68 15. 32	68. 4 70. 4
2	24 24	12, 62	21, 56	14. 89	11. 82	14. 16	75. 0
2	24 24	12. 62	20, 60	13. 68	9, 14	15. 40	71. 6
2	24	12. 94	24. 60	15. 78	11. 08	14, 60	79. 0
2	24	13. 08	24. 04	14. 71	10. 40	15. 68	77. 9
2	24	13. 52	23. 96	15. 46	12. 64	15. 56	81, 1
2	24	13. 20	23. 56	16.89	15. 26	15. 40	84. 3
2	24	14. 58	24. 24	15. 12	11. 50	14. 92	80.3
2	24	12. 98	22. 56	13. 55	10.78	15. 56	75. 4
2	24	13. 18	25. 80	14.68	11. 56	16.00	81. 2
2	24	12. 38	22, 20	13. 23	11. 94	15. 48	75. 2
2	24	13. 40	21. 00	13. 95	10. 32	15. 28	73. 9
2	24	9. 94	20. 96	13.99	10. 26	15. 52	70. 6
2	24	12.40	24. 08	14. 77	12.86	15. 12	79. 2 74. 9
2	24	12. 26	21.84	13. 90 16. 88	11. 28 15. 62	15. 68 15. 36	84.7
2 2	24 24	12. 00 12. 34	24. 88 22. 52	14. 28	12. 12	15. 64	76. 9
2	24	13. 16	22. 00	12. 53	9. 92	15. 84	73. 4
2	24	12.84	20, 08	12, 96	10. 34	15, 72	71. 9
2	24	13. 54	24. 56	15. 91	13. 62	15.64	83. 2
2	24	11.78	20. 96	15. 61	10.02	15. 52	73.8
2	24	10. 40	21.08	13.81	12. 72	15. 68	73. 6
2	24	10.48	20. 68	13. 89	11.84	15. 40	72. 2
2	24	13. 64	23. 16	15. 46	10. 96	15. 40	78. 6
2	24	12. 46	22. 20	14.03	11.72	15. 72	76.1
2 2	24	10. 50	19. 52 23. 56	13. 79 14. 46	14. 00 12. 22	14. 48 15. 16	72. 2 79. 2
2	24 15	13. 88 14. 30	26, 48	14. 40	14. 68	15, 88	85. 8
5	15	13. 80	25. 76	16. 16	12.86	15. 88	84. 4
2	24	10. 66	22, 96	15. 85	15, 38	13. 24	78.0
2	24	12. 94	23, 88	14. 56	13. 76	15. 80	80.9
0	00	9. 96	18. 64	12. 31	9. 42	15. 24	65. 5
2	24	10. 34	20. 20	12.95	11. 72	15. 12	70. 3
2	24	13. 12	22. 64	13. 22	11. 26	14. 16	74. 4
2	24	11. 74	21. 92	14. 59	10. 48	15. 68	74. 4
2	24	13. 02	22. 60	14. 08	12. 18	15. 56	77. 4
2	24	11. 54	21. 08	14. 98	13. 38	15. 84	76. 8
2	24	10. 54	20. 12	13.84	10. 14	14. 20	68. 8
2	24	14. 36	24. 68	16. 96	14. 60 14. 42	15. 56 13. 24	86. 1 82. 0
2 2	24	12. 90	26. 00 24. 72	15. 47 14. 60	12.82	15. 76	81. 4
2	24 24	13. 58 12. 30	21. 04	15. 34	13. 22	15. 60	77. 50
2	24	14. 88	25. 16	15. 84	13. 50	15. 64	85. 0
2	24	13. 18	24. 28	14. 68	12. 50	15. 68	80. 3
2	24	13. 14	24. 20	14.86	12. 48	15. 52	80. 2
2	24	11.92	20. 00	13.38	12.64	14. 12	72.00
2	24	12. 14	21. 08	14. 13	10. 54	14. 52	72. 43
2	24	13.72	25. 24	14. 58	12.80	15. 92	82. 26

Order of gen- eral merit	Names	State from which appointed	Date of ad- mission	Age at adm	t date of dission
for aca- demic year		appointed		Years	Months
272	Coale, George Buchanan	New York	July 6, 1923	17	10
539	Coffin, Clarence Emmet, jr	Indiana		16	10
98	Cohn, James Edward	North Carolina		19	8
698	Coleman, Alfred James	New York		20	3
289	Coleman, David Buncombe	South Carolina		18	1
*63 y397	Coleman, James Samuel, jr	AlabamaIndiana	July 5, 1923 June 13, 1922	17 19	1 8
129	Collins, Richard Charles	Wisconsin	June 15, 1922	18	11
h571	Collis, John Leon	New York	July 3, 1923	17	9
217	Combs, Charles Anderson	Texas	July 5, 1923	19	11
116	Condra, Edward Madison, jr	Tennessee		19	
349	Conn, Lannie	Texas	July 16, 1923	19	1
*11	Conrad, Robert Dexter	Massachusetts	July 2,1923	18	8
494	Cook, Jesse Strother, jr	Kentucky		18	1
105	Cooper, Clifford Steele	Utah	July 9, 1923	18	9
629	Cooper, Elmer Glenn	Arkansas	July 3, 1923	18	1
530 640	Cooper, Hysell Cooper, Joshua Winfred	Kentucky Vermont		17 16	11
272	Corbin, Frank Temple	Pennsylvania		16	
357	Cornelius, Elwood Kase	do		20	
149	Cornell, Bloomfield Miller	South Carolina		17	
662	Cortner, Clarence Edward	Tennessee		19	
360	Corwin, John Thomas	Pennsylvania		19	
378	Corwin, Joseph Albert	New Jersey	Aug. 1, 1923	18	
602	Crane, Albert Bruce	New York		19	1
411	Creighton, Liles Walker	South Carolina		17	!
291	Cressy, Morton Starr, jr	Illinois		18	
*26 550	Crittenden, Samuel Hallett, jr Cromwell, Francis Eugene	Colorado		18 20	
340	Cross, J. Alan	Virginia Illinois		16	
497	Cross, John Henry	New York		20	
498	Curry, Frank Charles, jr	Kansas		18	
144	Curtis, Howard Franklin	Pennsylvania		20	
387	Cuzner, William Herbert	New Hampshire		18	
459	Dahl, Theodore Oscar	Minnesota		20	
357	Daisley, Roger Meriden	New York		18	
228	Daix, John Ronald	Pennsylvania		19	
726	Dalton, Carl Malcolm	Arkansas		19	1
570 356	Dalton, Donald Henry Danhoff, Joseph Bartholemae	Illinois Michigan		17 19	1
*29	Daspit, Lawrence Randall	Louisiana		17	
*20		Massachusetts		16	
409	Davies, William Norman	New York		19	
293	Davis, Eugene Edward	Utah	July 10, 1923	16	
147	Dawson, Marion Lindsay, jr	Florida	July 3, 1923	17	10
383	Day, Harry Edward	Kansas	Aug. 31, 1923	18	;
610	Dayton, Milton Theodore	Oklahoma	July 10, 1923	19	
452	Deam, William Anderson	Kansas	Sept. 6, 1923	20	
#469	Dean, John Little	Tennessee	June 20, 1922	16	
156 193	DeKay, Charles Gordon De La Barre, Reamor Evans	Wyoming Nebraska	July 6, 1923 Sept. 4, 1923	18 17	
252	Densford, Robert Lutes	Missouri	July 6, 1923	18	
399	Denty, Harry Marsden	New York	do	19	
85	Depew, Paul Stuart	Massachusetts		17	1
469		Nebraska	July 9, 1923	16	1

first year of their academic course—761 members—June, 1924—Continued

Sea service shi		Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
		,	1	Maxin	num		
Months	Days	16	32	20	16	16	100
2	24	. 12.76	23. 48	16, 08	14. 36	13. 04	79. 7
2	24	13. 92	20. 84	14. 10	10.00	15, 88	74.7
2	24	11. 02	25. 84	16. 35	15. 44	15. 56	84. 2
2	24	10. 72	20. 40	13. 68	10.80	15. 16	70. 7
2	24	13. 94	23. 88	13. 60	12. 32	15, 72	79. 4
2	24	13. 12	27. 60	16. 27	12. 98	15. 68	85. 6
5	15	13. 28	22. 68	14.69	11. 40	15. 48	77. 8
2	24	13. 12	24. 76	15. 08	14. 26	15. 92	83. 1
2	24	12. 14	19.72	14. 02	12.66	15. 64	74.
2	24	12. 26	22. 80	16. 33	13.74	15. 60	80.
2	15	14. 78	25. 60	14. 92	12. 46	15. 72	83.
2	24	13. 72	23. 00	15. 15	10. 46	16.00	78.
2	24	15, 00	27. 80	17. 88	• 13.98	15.00	89.
2	24	12. 64	21. 76	14. 39	11. 24	15. 68	75.
2	24	13. 66	25. 00	16. 54	13. 24	15. 32	83.
2	24	11. 64	21, 72	13. 38	10.70	15, 64	73.
2	24	11. 62	21.80	14. 55	11. 10	15. 92	74.
2	24	11, 32	21, 04	14. 15	11. 70	14.64	72.
2	24	11. 84	23. 56	14. 40	14. 28	15. 64	79.
2	24	12. 50	23. 44	13. 79	12. 44	16. 00	78.
2	24	13.70	23. 08	16. 77	13.80	15. 04	82.
2	24	11.64	21. 04	13. 50	10. 50	15. 64	72.
2	24	13. 38	23. 00	14, 33	12. 04	15. 40	78.
2	24	13, 62	22. 08	13. 99	12. 86	15. 36	77.
2	24	11.94	21. 08	13. 56	11. 38	15. 68	73.
2	24	12.68	23. 80	13. 62	12.76	14. 44	77.
2	24	12.34	22.72	16. 61	12. 54	15. 12	79.
2	24	15. 12	28. 44	15. 88	12. 86	15. 56	87.
2	24	10. 90	21. 24	14. 78	12. 52	15. 12	74.
2	24	13. 72	20. 88	15. 69	12. 36	15. 84	78.
2	15	11. 04	22. 32	14. 77	12. 12	15. 40	75.
2	24	11. 68	22. 80	14. 02	11. 58	15. 52	75.
2	24	12. 44	26. 20	15. 25	12. 80	15.84	82.
2	24	10. 64	22. 40	15. 28	13. 58	15. 80	77.
2	24	11. 22	21, 72	14. 88	12. 90	15. 64	76.
2	24	13. 52	25. 36	13. 99	12. 54	12. 76	78.
2	24	14. 72	24. 76	14. 60	11. 36	15. 16	80.
2	24	10. 78	20. 36	12. 92	9. 78	15. 28	69.
2	24	10. 26	22, 28	14. 31	13. 30	14. 04	74.
2	24	13. 26	24, 04	14. 46	11. 38	15. 04	78.
2	24	14, 28	27. 64	16. 65	13. 02	16.00	87.
2	16	13. 92	28. 84	14. 65	15, 04	15. 76	88.
2	24	12. 32	22, 68	14. 84	12. 06	15. 48	77.
2	24	12. 98	23. 08	13. 99	14. 54	14. 72	79.
2	24	12.70	25. 04	15. 58	13. 16	15. 96	82.
2	24	13. 22	22. 84	15. 42	11. 08	15. 24	77.
2	24	11, 92	20. 48	13. 94	11. 44	15. 68	73.
2	24	13. 70	21. 64	13. 48	11. 74	15. 96	76.
5	15	13. 20	24. 20	14. 56	10. 98	13. 24	76.
2	24	13. 20	24. 20	15. 57	10. 98	15. 48	82.
2	24	14. 24	22. 64	15. 31	13. 42	15. 48	81.
						15. 80	
2	24	12.74	22, 44	15. 44	13. 62	A .	80.
2	24	12.32	21. 92	14. 70	13. 14	15. 44	77.
2 2	24 24	12. 08 13. 50	25. 96 21, 12	16. 10 14. 90	15, 50 10, 98	15. 08 15. 68	84. 76.

01				Age a	t date of
Order of gen-				adn	nission
eral merit	Names	State from which	Date of ad-		
for aca-	ivames	appointed	mission	5 1	
demic year					
Joan			-	Years	Months
120	Detwiler, Joseph Snyder	Pennsylvania	July 6, 1923	16	11
180	Deutermann, Harold Thomas	New York	July 10, 1923	19	9
406	Devany, Albert Joseph	do	Aug. 1, 1923	18	1
501	Devlin, Jerome Orvin, jr	South Carolina	Sept. 4, 1923	17	10
480	Dickey, George Deane	California	July 3. 1923	19	4
225 404	Dimon, John Taft	New York Georgia	July 6, 1923 July 5, 1923	18 17	4 2
346	Dodson, Oscar Henry	Texas	Sept. 6, 1923	18	8
541	Donaho, Doyle George		July 9, 1923	16	5
639			July 10, 1923	18	4
81	Donohue, Timothy Francis	Massachusetts	July 6, 1923	19	10
185	Dortch, Vernon	Texas	July 3, 1923	20	0
351	Downer, Dick Rinaldo	Iowa	July 2, 1923	17	6
449 164	Downes, Robert Noble	Maryland Nebraska	Aug. 21, 1923 July 3, 1923	17 20	10
x529	Dozier, Henry Robert Drew, Edward John	Illinois	July 3, 1923 July 18, 1922	19	1 9
170	Drew, Melvin Eugene	Utah	June 20, 1922	18	8
554	Dreyspring, Jefferson Goodwyn	Alabama	July 2, 1923	18	8
182	Drouilhet, Paul Raymond	Texas	Aug. 27, 1923	17	7
135	Duborg, Christian Harold	Nevada	July 3, 1923	19	1
350	Dudley, Clayton Rodes	Missouri	July 5, 1923	19	6
421	Duffill, Monroe Barrows.	At large	July 23, 1923	17	2
485	Duke, Claren Emmett	Ohio	Sept. 4, 1923	19	3
501 *21	Dukeshire, Theodore Skolfield Dunning, Allan Lombard	Vermont New Jersey	July 10, 1923 July 11, 1923	18 18	3 0
658	Durski, Malen	Illinois	Aug. 2, 1923	18	7
365	Dykers, Thomas Michael	Louisiana	July 3, 1923	17	7
324		do	July 2, 1923	18	8
287	Earnshaw, Joseph Wayne	Kansas	July 11, 1923	17	4
109	Eckberg, Herbert Frederic	New York	July 20, 1923	17	2
224	Eckelmeyer, Edward Herman, jr	Pennsylvania	Aug. 17, 1923	18	2
272	Eddy, Daniel Thomas	New York	July 9, 1923	19	$\begin{array}{c} 2 \\ 2 \end{array}$
*15 333	Edsall, Warner Ryerson Edwards, John Allen	Pennsylvania South Carolina	July 17, 1923 July 10, 1923	19 16	9
166	Ehle, Arthur Kendrick	Kansas	July 11, 1923	20	1
293	Eldridge, John, jr	Virginia	July 12, 1923	19	9
631	Engeman, George Hyde	New Jersey	Sept. 4, 1923	17	7
430	England, Harry Rudolph	Minnesota	Aug. 23, 1923	19	0
121	Ervin, Frank Jackson	Iowa	June 23, 1921	18	5
i720	Estes, Homer T	Texas	Aug. 15, 1923	18	10
678	Ethridge, Harrison	Georgia	July 3, 1923	19 20	2
323 591	Evans, Myron Thomas Everett, Gordon Stafford	Ohio Colorado	Aug. 27, 1923 July 2, 1923	19	4 8
*42	Ewing, John Lawrence, jr	Massachusetts	July 2, 1923	19	4
286	Faigle, John Emil	Ohio	July 3, 1923	20	2
157	Fairlamb, Louis Parker	Virginia	July 9,1923	18	3
524	Faulkner, Charles Carl	Mississippi	Sept. 4,1923	19	11
101	Fauntz, Theodore Clarkson	Illinois	July 21, 1923	17	11
i609	Feldman, Allan Lee	Missouri	Sept. 8, 1923	19	5
481	Fenton, Richard Elkins	West Virginia	July 6, 1923	16	10
$258 \\ x421$	Ferrall, William Edward	Pennsylvania Maryland	July 11, 1923 June 21, 1922	17 18	10 3
184	FitzGerald, George William, jr	Illinois	July 11, 1923	17	8
427	Fitzgibbon, John Edmondson	Ohio	Sept. 4, 1923	20	1
306	Fitzwilliam, Albert Eisner	Illinois	July 2, 1923	19	2

first year of their academic course—761 members—June, 1924—Continued

Sea service in practice ships		Marine en- gineering and naval construc- tion	Mathe- matics	English	Languages	Aptitude for the service	Aggregat
3.5. Ab-	D			Maxir	num		
Months	Days	16	32	20	16	16	100
2	24	13. 90	25. 72	14.78	13. 26	15. 64	83.
2	24	12. 44	23. 24	14. 97	15. 46	15. 44	81.
2	24	11. 42	20. 60	15. 80	14. 12	15. 48	77.
2	24	12. 10	22, 44	14. 03	11. 20	15. 72	75.
2	24	12. 34	21. 72	13. 83	13. 16	15. 00	76.
2	24	13. 00	24. 44	15. 06	13. 58	14. 56	80.
2	24	12. 08	23. 52	14.89	11. 26	15. 68	77.
2	24	12. 28	22. 16	15. 39	12. 82	15. 72	78.
2	24	11. 36	20. 80	13. 91	13.00	15.64	74.
2	24	10. 82	20. 36	13. 98	11. 92	15. 80	72.
2 2	24 24	14. 18 14. 46	26, 32	15. 51	13. 86 10. 34	14. 96 15. 84	84.
2	24	13. 18	27. 40 21. 48	13. 45 14. 88	12. 88	15. 88	78.
2	24	11. 92	21. 48	14. 74	13. 06	15. 36	76.
2	15	12. 90	23. 48	16. 10	13. 62	15. 80	81.
5	15	11. 58	22. 04	14. 60	11. 74	15. 04	75.
2	24	13. 04	24. 40	15. 27	13. 76	15, 28	81.
2	24	12.32	21. 76	14. 46	10. 72	15. 20	74.
2	24	12. 40	24. 64	15. 27	13. 50	15. 72	81.
2	15	12. 80	24. 04	15. 86	14. 20	15. 96	82.
2	24	13.08	21. 40	16. 03	12. 52	15. 28	78.
2	24	12. 76	21. 48	14. 15	13. 34	15. 40	77.
2	24	14. 20	22. 40	13.77	10.80	14.80	75.
2	24	13. 12	21. 04	15.07	10. 30	15. 96	75.
0	00	14. 28	28. 84	15, 43	14. 08	15. 44	88.
2	24	12.30	20. 52	13. 22	10. 76	15. 60	72.
2	24	13. 02	22, 16	14. 10	13. 88	14. 92	78.
2	24	13. 34	23. 20	14. 14	12. 04	16.00	78.
2	24	12. 14	23. 48	15. 55	12. 60	15. 72	79.
2	24	13. 34	24, 04	15. 69	15. 12	15. 48	83.
2	24	14. 82	22. 80	14. 93	12.70	15. 40	80.
2	4	13. 80	23. 28	14. 22	12. 78	15. 64	79.
2 2	24	15. 02	26. 36	16. 40	15. 28	15. 60	88.
2 2	24 24	12. 32	22. 88	15. 96	12. 08	15. 36	78.
2	24 24	12. 98 12. 16	24, 32 26, 28	15. 61 13. 53	13. 40 12. 14	15. 56 15. 20	81. 79.
2	24	12. 78	20. 28	14. 16	10. 56	15. 28	79.
2	24	13. 80	23. 72	13. 14	10. 94	15. 36	76.
8	13	13. 68	24. 84	15. 27	13. 92	15. 56	83.
2	24	12. 04	18. 40	13. 60	10. 30	15. 32	69.
2	24	10. 54	20. 16	13. 79	12. 28	15. 16	71.
2	24	12. 62	24, 24	14. 11	12. 68	15. 12	78.
2	24	12. 28	20, 36	15. 56	10. 78	14. 84	73.
2	24	13. 12	27. 36	15. 35	15. 04	15. 92	86.
2	24	13. 22	23. 96	14.82	12.04	15. 48	79.
2	24	12.80	23. 80	16. 44	13. 20	15.80	82.
2	24	12. 14	20. 20	14. 04	12. 92	15. 84	75.
2	24	14, 20	23, 60	15. 43	15. 24	15. 56	84.
2	24	13. 08	19. 64	13. 88	11. 04	15. 84	73.
2	24	12. 14	22, 24	13. 98	12. 48	15. 16	76.
2	24	12.94	24. 40	15. 14	12. 26	15. 36	80.
5	15	13. 48	21. 16	14. 09	12. 48	15. 92	77.
2	24	12. 10	23. 32	15. 66	15. 06	15. 36	81.
2 2	24 24	11. 88 13. 64	23. 04 23. 64	14. 97 14. 56	11. 80 11. 78	15. 32 15. 48	77. (79. :

Order of gen- eral					date of ission
merit	Names	State from which appointed	Date of ad- mission		
for aca- demic		арролиса	Hibbioti		
year					
				Years	Months
518	Flemming, Russell Edward	Pennsylvania	Sept. 4, 1923	19	5
279	Flesher, Carl William	Indiana	July 9, 1923	18	8
419	Flynn, Joseph Ambrose		July 6, 1923	18	7
423	Flynn, Thomas Joseph		July 25, 1923	18	7
167	Foley, Robert Joseph		July 9, 1923	18	5
647	Ford, Robert Stephens		July 6, 1923	19	11
i742	Ford, William Grimshaw		July 10, 1923	17	3
376 318	Foster, Paul Eugene Fraser, George Kittrell	Kansas Louisiana	Sept. 5, 1923	19 19	0
450	Fravel, Robert Ira Franklin	Oklahoma	July 3, 1923 July 9, 1923	17	4
331	Freeman, Charles Lawrence	Massachusetts	July 6, 1923	17	11
477	Frye, Veryl Fell	Pennsylvania	July 6, 1923	20	1
168	Funke, Frederick, jr	Nebraska	July 20, 1923	18	8
536	Gaden, Allan Gaston	Tennessee	July 6, 1923	18	11
93	Garcia, Edmund Ernest	At large	Sept. 4, 1923	18	8
88	Gates, Bernard Monroe	Maine	June 16, 1922	18	11
94	Gattis, Hobson Ivan	North Carolina	Sept. 4, 1923	20	(
*39	Gazze, Sylvius	Pennsylvania	Aug. 31, 1923	18	5
280	Geiger, Lester Joseph	Iowa	July 10, 1923	18	2
f580	Gerwig, Roger Wesley	Missouri	July 5, 1923	20	2
537	Giambattista, Frank Daniel	New Jersey	July 9, 1923	18	11
139	Gilbertson, George Bernard		Aug. 6, 9123	20	4
*28	Gilday, John Frank		July 10, 1923	18	10
119	Gleim, Fritz, jr	Michigan	July 11, 1923	20	
h679	Gordon, Donald Stuart		July 20, 1923	20	
x567	Gordon, Howard Wright, jr	Kansas Rhode Island	June 20, 1922 July 6, 1923	18 19	
563 613	Gorski, Henry Frederick Goudge, Maurice Ellison	Texas	July 5, 1923	17	
243	Goyette, Emmanuel Thomas	Massachusetts	July 2, 1923	18	
*40	Graf, Warren Frederick	Pennsylvania	July 27, 1923	18	
90	Graybill, Myron Willard	Ohio	June 14, 1922	18	
298	Green, Thomas Chandler	Iowa	July 2,1923	19	10
366	Greene, Thomas Lawrence	Pennsylvania	July 11,1923	18	:
575	Greer, Julian David	Kansas	July 9, 1923	18	
304	Gregg, Otis Cockerill	Nebraska	Aug. 1, 1923	19	
395	Griese, Lester Charles			19	10
*60	Griffin, Charles Donald	Indiana		17	
394	Griffin, Lawrence Milton	Oregon		17	
681	Griffin, Samuel Hunter, jr				
461	Griffith, Philip Sidney			16	1
*55	Griffoul, Richard Geppert			17 20	
1731	Griswold, Theophilus			18	1
426 408	Gross, Paul David Gwinn, Byron Charles				1
288		Pennsylvania	į.	18	
432				18	
539				18	1
663				20	
429				19	
92				19	
620		Mississippi		19	
195				17	}
*34				1	
493	Hammitt, Frank Monroe	_ Indiana	. Aug. 13, 1923	19	

first year of their academic course—761 members—June, 1924—Continued

Sea service in practice ships		Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
				Maxi	mum		
Months	Days	16	32	20	16	16	100
2	24	12, 58	21, 36	- 14, 33	12. 86	14. 12	75, 2
2	24	13. 76	23, 92	13. 96	12. 54	15. 44	79. 6
2	24	11, 22	21. 44	14. 69	14.72	15. 12	77. 1
2	24	12, 26	22, 64	14. 79	12.08	15. 32	77.0
2	24	13. 80	23. 44	16.02	13. 62	14. 92	81.8
2	24	11.42	21. 16	13. 98	10. 64	15. 40	72.6
2	24	10.30	19. 12	12. 85	9. 92	14. 56	66. 7
2	24	13. 34	23. 76	13. 55	11. 52	15. 76	77. 9
2	24	13. 64	23. 16	14. 13	12. 74	15. 20	78. 8
2	24	13.06	23. 16	13. 68	11. 56	15, 12	76. 5
2	24	14.08	22. 96	14, 31	12.32	14.96	78. 6
2 2	24 24	11. 28 13. 06	21. 00 24. 44	15. 97 15. 27	12, 24 13, 46	15. 60 15. 56	76. (
2	24	12.06	21. 80	15. 34	10.48	15. 20	74.8
2	24	13. 72	24. 56	14. 72	15. 46	15. 92	84.
2	24	13. 50	26. 88	14, 99	14. 12	15. 12	84.
8	20	13. 44	25. 64	14. 64	14, 62	16.00	84.
2	24	14, 22	27. 92	15, 45	14. 42	15, 04	87.
2	24	13. 08	23. 56	15. 18	11. 84	15.92	79.
2	24	11.08	21, 12	15.48	12, 02	14, 32	74.
2	24	10. 18	21. 92	13. 46	14, 50	14. 76	74.
2	24	13. 58	24. 72	15. 35	13. 36	15. 64	82.
2	24	13. 06	26. 48	16. 86	15. 28	15.92	87.
2	24	13. 74	25. 48	15.89	13. 28	14, 92	83.
2	24	11. 44	19. 88	14. 02	11.60	14. 88	71.
5	15	12. 52	23. 28	14. 02	10.60	13.80	74.
2	24	11. 30	20. 40	14. 56	13. 20	14.84	74.
2 2	24 24	11. 56	20. 64	14. 01	11. 80	15, 40	73.
2 2	24	12, 46 15, 06	24. 12 26. 04	13. 74 16. 57	15. 04 13. 60	14. 92 15. 72	80. 86.
2 2	24	14. 18	25. 96	15. 45	14. 20	14. 80	84.
2	24	13. 32	21. 44	15. 42	13. 40	15.68	79.
2	24	12, 18	22. 56	14. 56	12. 96	15. 80	78.
2	24	12.00	21. 08	14. 44	11. 24	15. 36	74.
2	24	13. 64	24. 52	14. 18	11.34		79.
2	24	11.06	22. 64	14. 58	13. 44	15. 84	77.
2	24	14. 64	25. 40	15. 31	15. 06	15. 32	85.
2	24	11.78	21.00	14. 96	14, 20	15. 64	77.
2	24	11. 46	20, 72	13. 36	11.86		71.
2	24	11. 76	22, 64	14. 75	11. 28	15. 92	76.
2	24	14. 20	25. 16	16.60	14. 36	1	86.
2 2	24	10. 54	19. 60	12.96	9.74	1	68.
2	24 24	12. 10	21.88 22.28	14. 09	13, 20		77. 77.
2	24	11. 32 13. 16	22. 52	15. 43 15. 11	13.40		
2	24	13. 36	23. 48	15. 11	13. 08 10. 88		76.
2	24	12. 84	20. 24	14. 74	11. 16		74.
2	24	11. 24	20. 88	13. 48	10.94		72.
2	24	14.40	22, 44	13. 55	10.96		76.
2	24	14. 28	27. 12	14. 63	12.86		84.
2	24		. 20.80	14. 53	10. 52		73.
2	15	12.86	24. 20	16. 30	12. 64		81.
2	24	14. 16	27. 84	15. 93	13. 28		87.
2	24	12, 28	21.80	14. 63	11, 48	15. 56	75.

Order of gen- eral merit for aca-	Names	State from which appointed	Date of ad- mission	Age a adn	t date of mission
demic year					
Jour		-		Years	Months
	,				
695	Hands, Edgar Beach, jr	Louisiana	Sept. 4, 1923	18	6
226	Hanscom, Howard Wesley	Massachusetts		19	5
245	Hansen, George Louis	California	July 9, 1923	17	10
417	Hansen, Harold Dale	Nebraska		19	2
467 648	Hardesty, Charles Jenkins, jr	North Carolina Tennessee		19 19	8
523	Hardwick, Harry Judson	Virginia		19	11
186	Harnley, Harold Shepard	Florida		17	10
641	Harrell, Raymond Lee	At large		17	8
579	Harris, William Stephen	Alabama		18	11
715	Harrison, Charles Edward	Pennsylvania	,	20	1
454	Harrison, Samuel Henderson	Tennessee		18 17	1
0732 229	Hasbrouck, Preston Hazen, Joseph Truman	New York Kansas		19	5 4
613	Heald, Wilton Stewart	At large	. ,	19	9
50	Heath, George Lucius	Illinois		19	5
113	Heberton, Charles Muller	Pennsylvania	July 9, 1923	18	1
307	Heckey, Albert Rossville.	Alaska	Aug. 17, 1923	19	4
*70	Hegeman, Bruce	New York		19	11
*50	Heinlein, Rex Ivar	Missouri		18	3
295	Hellauer, Joseph Francis	Connecticut		19	0
231	Henkel, John Fisher	Illinois		19 18	0
291 697	Henry, Harold Aloysious. Henry, Patrick, jr	Wyoming Arkansas	July 20, 1923 July 2, 1923	16	5 8
424	Herron, Edwin Warren	Oklahoma	July 5, 1923	17	8
*9	Hesser, Frederic William	Oregon	Aug ' 22, 1923	18	9
390	Hetter, Frederick Laurence	Illinois	Aug. 1, 1923	16	6
$h628\frac{1}{2}$	Hewett, Lindell Harris	Kansas	Aug. 17, 1923	18	7
566	Hewins, Charles Knowlton	Maine	July 2, 1923	19	7
*71	Hickox, Ralph	District of Col-	July 18, 1923	19	11
739	Hicks, Allen Sturdivant	umbia Alabama	July 9,1923	16	10
82	Hicks, Harry Lynnwood	Georgia	June 14, 1922	17	10
121	High, Paul Laverne	West Virginia	July 9, 1923	18	10
413	Hill, Adoniram Judson	New Mexico	July 3, 1923	18	9
345	Hill, Charles Phillips, jr	Pennsylvania	July 9, 1923	17	7
310	Hilton, Donald Barker	Massachusetts	July 2, 1923	18	3
649	Hinds, Walton Beardslee	New York	July 9, 1923	19	9
252	Hines, John Fore, jr	Kentucky	July 6, 1923	17 19	6
*5 i725	Hinners, Robert Arthur Hodges, Willard Atlee	Illinois	Aug. 13, 1923 July 10, 1923	17	5 9
509	Hoerner, Herbert Lisle	Nebraska	July 5, 1923	20	1
*7	Hogg, James Henry	Illinois	July 10, 1923	20	0
87	Holoway, James Gray, jr	Texas	July 16, 1923	16	11
486	Holmberg, Helmer Herbert	Missouri	July 20, 1923	19	4
*8	Holtwick, Jack, jr	California		16	5
133	Honsinger, Leroy Vernon	New York	July 10, 1923	17	10
601	Hookway, John Charles	Ohio	July 16, 1923	18	4 6
574 202	Hooper, Selden Gain	California	July 6, 1923 Aug. 16, 1923	18 18	2
313	Hottel, Martin Perry	Washington	July 6, 1923	19	5
259	Hubbard, Miles Hunter	West Virginia	July 5, 1923	18	3
390	Hubert-Jones, Francis Reynolds	Pennsylvania		18	5

first year of their academic course—761 members—June, 1924—Continued

Sea service ship		Marine en- gineering and naval construc- tion	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year	
25. () -	70			Maxir	num			
Months	Days	16	32	20	16	16	100	
2	24	11. 50	20. 68	13. 28	10. 58	15. 00	71. (
2	24	14. 68	24. 28	15. 47	11. 28	14.92	80. 6	
2	24	12.36	23. 96	14. 80	13.94	15. 20	80. 2	
2	24	12. 80	21. 64	15. 65	11. 34	15. 80	77. :	
2	24	14. 32	21. 04	14. 30	10.86	15. 72	76.	
2	24	11. 50	20. 76	13. 79	10.82	15. 68	72.	
2	15	11. 60	21. 00	15. 02	11. 94	15.60	75.	
2	24	13. 02	24. 40	15. 26	12.88	15. 92	81.	
2	24	10. 34	20. 64	14.04	12. 58	15. 20	72.	
2	- 24	11.78	21. 44	13. 79	11. 50	15. 52	74.	
2	24	11. 36	19. 60	13. 82	11. 42	13. 84	70.	
2	24	12, 74	20. 44	14. 81	13. 44	15. 00	76.	
0	00	11.70	18. 20	13. 04	10.64	15. 12	68.	
2	24	14. 50	22. 68	14. 95	12. 54	15. 92	80.	
2	24	10. 38	21. 60	13. 67	12. 12	15. 64	73.	
2	24	13. 82	25, 40	16. 38	14. 84	15. 92	86.	
2	24	15. 08	25. 08	14. 66	12. 76	15, 92	83.	
2	24	13. 26	24. 76	13. 72	11. 64	15. 68	79.	
2	24	13. 04	26. 40	15. 33	14. 70	15. 76	85.	
2	24	14. 30	26. 36	16. 48	13, 34	15. 88	86.	
2 2	24 24	11. 76 14. 78	22. 32 27. 16	15. 66 12. 88	14.00	15. 56 15. 52	79.	
2	24	11. 70	22. 28	16. 15	10. 20 13. 64		80.	
2	24	11. 18	21. 28	13. 00	11. 16	15. 56 14. 36	79. 3	
2	24	11. 60	22. 28	15. 04	12, 22	15. 92	77. (
2	24	13. 74	28. 44	16. 73	15. 10	15. 88	89. 8	
2	24	11. 36	22, 36	15. 22	13. 10	15. 60	77. 0	
2	13	11. 72	19. 32	14. 03	12. 58	15. 52	73.	
2	24	11. 80	21. 60	13. 86	11. 58	15. 40	74. 2	
2	24	13. 14	24. 92	16. 47	14. 88	15. 80	85. 2	
2	24	10.98	20. 00	13. 84	9. 88	13. 08	67. 7	
2	24	13. 82	25. 56	15. 36	14. 24	15.84	84. 8	
2	24	12.60	22. 64	16. 65	15. 78	15. 60	83. 2	
2	24	12.06	22. 16	15. 62	12. 58	14. 84	77.2	
2	24	13.00	24. 04	13.54	11. 94	15. 92	78. 4	
2	24	12. 54	24. 00	14. 67	12. 24	15. 56	79.0	
2	24	11. 42	21. 12	13. 99	11.00	15. 00	72. 5	
2 2	24	11. 04 14. 24	23. 28 29. 96	15. 68	14. 56 14. 40	15.60	80. 1	
2	24	11. 02		17. 33	10. 08	15.84	91. 7 69. 2	
2	4	13. 44	18. 76 21. 72	13.94		15. 40		
2	24	14. 20	28. 48	13. 64 17. 15	11. 36 14. 44	15. 28 15. 88	75. 4 90. 1	
2	24	12. 46	24. 96	15. 98	15. 38	15. 84		
2	24	13. 20	21. 32	14. 15	11. 38		84. 6	
2	24	14. 76	28. 60	17. 66	13. 86	15. 88 15. 04	75. 9 89. 9	
2	24	14. 20	25. 24	14. 53	13. 14	15. 04	82. 9	
2	24	10. 88	21. 40	13. 39	12. 56	15. 44	73. 6	
2	24	11. 92	20. 76	14. 03	11. 78	15. 64	74. 1	
2	24	12. 24	22. 96	16. 11	14. 62	15. 04	81. 1	
2	24	14. 38	22. 88	15. 20	11. 22	15. 28	78. 9	
2	24	12. 98	23. 08	15. 24	12. 86	15. 28	80.0	
2	15	11. 50	22. 08	15. 12	13. 10	15. 84	77. 6	

Order of gen- eral merit for aca-	Names	State from which appointed	Date of ad- mission		t date of
demic year				Years	Months
	- 1 - W 11 - 16				
652 118	Huck, Wallace Mason	Illinois	July 21, 1923	18	3
456	Hudgins, Charles Harley	New York Pennsylvania	Sept. 4, 1923 Aug. 6, 1923	19 18	3 0
216	Humes, William Young Conn, jr	Utah	Aug. 24, 1923	17	7
704	Hummer, Harry Reid, jr	South Dakota	July 16, 1923	17	2
*75½	Hunte, Louis Henry	Illinois	July 5, 1923	17	11
*65	Hunter, Archibald Daniel	Massachusetts	July 2, 1923	18	1
434	Ignatius, William Russell	Ohio	Aug. 6, 1923	16	11
688	Imhof, James Rathlot	California	July 16, 1923	20	1
382 o749	Ingram, Arthur Girard	Pennsylvania North Carolina	July 3, 1923	19 18	6
623	Irvin, William Davis.	Pennsylvania	July 11, 1923 July 9, 1923	18	1
*52	Jack, Samuel Sloan	Arizona	July 10, 1923	17	11
h743	Jackson, William Crawford	Oklahoma	do	18	7
376	Jacobs, Tyrrell Dwight	do	Sept. 4, 1923	19	1
521	Jarrell, Henry Thompson	Georgia	July 2, 1923	20	0
340	Jarrett, Othel Lawrence	West Virginia	Aug. 17, 1923	19	10
126	Jeanes, Perry Kenneth	Texas	June 16, 1922	18	4
*12	Jelley, Joseph Franklin, jr	Pennsylvania	July 3, 1923	19	2
488	Jennings, William Croft	South Carolina	July 9, 1923	16	8
368 211	Jensen, Lawrence Maynard	Illinois	July 2, 1923 July 5, 1923	19 18	6
512	Johnson, Carroll Flint Johnson, Donald Hilton	Iowa	July 5, 1923 July 9, 1923	17	10
652	Johnson, Edward Ridgway	Washington	July 2, 1923	19	2
441	Johnson, Frank Harold	New Jersey	July 6, 1923	19	3
374	Johnson, Howard Ravenscroft	West Virginia	Sept. 4, 1923	20	2
445	Johnson, Robert Archie	South Carolina	July 12, 1923	17	10
290	Johnson, Seymour Anderson	North Carolina	July 7, 1923	19	5
191	Johnston, Andrew William, jr	Virginia	Sept. 4, 1923	20	4
673	Johnston, Paul Fisher	Iowa	July 16, 1923	19	4
622	Jones, George Lorraine, jr	Virginia	July 10, 1923	19	1
282	Jordan, James Adam	West Virginia	July 9, 1923	18	2 3
396 248	Judson, Stanley Everett Juhan, Jack Phillip	New York Colorado	Aug. 6, 1923 July 2, 1923	18 19	6
164	June, Frank Matthew	Iowa	July 2, 1923	18	4
275	Kaitner, William Eugene	Kansas		20	2
558	Kearns, John Joseph	New Jersey		18	2
298	Keepers, Kenneth Irving Carter		do	19	11
254	Keiran, Hugh Augustine Robert	Massachusetts		17	3
h655	Keith, Robert Taylor Scott	Virginia	July 6, 1923	18	2
420	Kellerman, Ross Rolland		Sept. 25, 1923	. 18	11
607	Kennedy, Marvin Granville			17	10
h738 h679	Kennedy, William Dewitt			16 19	5 10
130	Kent, John Kern, Joseph William	_		18	6
*51	Kern, Willis Frederick		July 13, 1923	19	11
111	Keyes, Willard Dunster	Rhode Island	July 6, 1923	17	10
303	Keys, Lee Faris		July 3, 1923	18	5
i741	Kielty, Patrick Francis, jr	Pennsylvania		20	2
456	Killen, Charles Henry			19	0
263	King, Tom Cobb		July 6, 1923	17	3
337	Kirk, Francis Shallus			18	7
676 401	Kirk, Lowell Modrall Kitchin, Bethuel Meade			17 18	9 8
254	Klakring, Thomas Burton				7
201		Connecticut	. 11ug. 2, 1520	. 10	' '

first year of their academic course—761 members—June, 1924—Continued

Sea service in practice ships		Marine en- gineering and naval construc- tion	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
			·	Maxir	num		
Months	Days	16	32	20	16	16	100
2	24	14.76	21.68	13. 23	10. 52	12.32	72. 51
5	22	12.96	24. 68	15.79	15. 10	14.84	83. 37
2	24	12. 70	22. 84	13. 03	12.10	15. 72	76. 39
2	24	11.84	24.64	15. 16	13. 30	15. 88	80. 82
2	24	10.66	20. 32	13.41	10.66	15. 56	70.61
2	13	13.48	26. 60	16. 15	13. 12	15. 76	85. 11
2	24	14.60	27. 32	15. 32	12.74	15. 40	85. 38
2	24	11. 60 11. 48	23. 40 20. 56	14. 53	14. 02	13.32	76. 87
:	24 24	13. 14	22. 32	13. 64 13. 66	11. 54 13. 36	14. 36 15. 36	71. 58
i	00	12. 02	14. 64	11.87	4. 76	15. 08	77. 84 58. 37
	24	12. 16	21. 44	13. 91	10. 24	15. 52	73. 27
2	24	14.62	26.72	15. 57	13. 80	15. 48	86. 19
0	00	10. 20	19.64	12. 42	10.14	14. 28	66. 68
2	24	12. 52	24. 56	14.83	11. 26	14. 76	77. 93
2	24	12.44	21. 28	14. 50	11.20	15.80	75. 22
2	24	12. 32	23.80	14.67	12.66	15.04	78. 49
2	24	14.38	24. 96	15. 41	12. 54	15.92	83. 21
2	24	14.60	29. 36	16. 37	13. 44	15, 88	89.68
2	24	11.82	21. 20	15. 33	11.98	15. 56	75. 89
2	24	13. 94	22. 56	14. 36	11. 16	16.00	78. 02
2	24	13. 48	22. 68	15. 92	13.00	15. 88	80. 96
2	24	11. 78	22. 28	15. 04	11.08	15. 20	75. 38
5	24	12.82	21. 56	13. 53	11. 28	13. 32	72. 5
5	24	13.66	21. 28	13. 55	12.82	15. 44	76. 78
	15 24	12. 36 10. 92	21. 80 23, 52	14. 97	13. 28 12. 30	15. 56	77. 97
1	24	11. 40	22. 36	15. 83 16. 47	13. 68	14. 12 15. 48	76. 69 79. 39
1	24	13. 36	23. 44	15. 50	13. 28	15. 84	81. 42
1	24	11. 32	21. 04	14. 01	10. 64	15. 04	72. 0
4	24	10. 68	21. 32	14. 26	11. 58	15. 44	73. 28
1	24	13. 74	22. 76	14. 74	13. 00	15. 32	79. 56
:	24	11.60	21. 56	15. 54	13. 52	15. 32	77. 54
:	24	12.88	22, 68	16. 11	13. 04	15. 52	80. 23
:	24	13.64	22. 40	15. 82	14. 16	15. 88	81. 90
1	24	12. 18	24. 40	14. 81	12.74	15. 56	79. 69
1	24	11.08	20. 76	14. 52	13. 04	15.00	74.40
2	24	11.72	22. 20	16.00	13. 66	15. 68	79. 26
2	24	11. 14	22. 96	15. 95	15. 22	14. 88	80. 18
2	24	10. 10	19. 76	14. 64	12. 14	15, 80	72. 44
2	24	12.94	22. 80	13. 25	12. 40	15. 76	77. 18
2 0	24	11.74	20, 04	14. 68	11. 24	15. 80	73. 50
2	00 24	10. 70 10. 92	19. 32 19. 88	14. 03	10. 12	13. 84	68. 01
2	24	1		13. 76	11.46	15. 80	71. 82
2	13	14. 12 13. 38	26. 20 27. 96	14, 88 15, 53	12. 32	15.60	83. 12
2	24	14. 30	23. 88	15. 48	13. 94 14. 22	15. 40 15. 72	86, 21 83, 60
2	24	12. 58	22. 08	15. 52	13. 88	15. 72	79. 14
0	00	10. 30	18. 76	13. 45	10. 34	14. 80	67. 68
2	24	11, 20	21. 84	15. 79	11. 64	15. 92	76. 39
2	24	12.96	23. 40	15. 35	13. 26	14. 92	79. 89
2	24	12, 76	24. 16	14. 71	11. 34	15. 56	78. 53
2	15	13. 98	20. 52	13. 11	10. 14	14. 20	71. 95
2	24	11. 54	21. 80	14. 27	14. 20	15. 68	77. 49
2	24	12.48	22. 88	16.39	13. 16	15. 24	80. 1

Order					t date of
of gen- eral					1001011
merit	Names	State from which appointed	Date of ad- mission		
for aca- demic		appointed.	1111111111		
year	_			Years	Months
	100			1 cars	MOHENS
0613	Kluegel, John Van Rensselaer	. California	July 10, 1923	18	0
127	Knickerbocker, William Lane		July 2, 1923	19	4
362	Knight, Levi James, jr		July 10, 1923	17	7
*60 210	Knowles, Kenneth Alward Knuepfer, George		July 18, 1923 July 2, 1923	19 19	6
131	Koonce, Henry Thompson.		July 10, 1923	16	8
261	Kowalzyk, Alex		do	19	4
249	Ladd, Gregory Albee		Aug. 30, 1923	18	7
593	Lair, Rodney Bickham	New York	July 7, 1923	17	6
*72	Lamons, Ernest Washington		July 10, 1923	17	11
385	Lampman, Leland Ralph		July 9, 1923	18	4
535	Lange, George Adam		- ,	20	2
351	Latimore, Daniel Webster		July 3, 1923	18	0 7
178 p113	Lawrence, Martin Jay Leahy, William Harrington		Aug. 15, 1923 June 14, 1922	18 17	8
586	Leatherman, Fred James		Aug. 11, 1923	19	1
628	Legwen, Glenn Walker, jr		July 16, 1923	18	4
505	Levin, Richard Benjamin.			18	8
644	Lewis, Francis Porcher	Alabama	July 10, 1923	17	4
569	Lewis, George Alexander		July 11, 1923	18	5
321	Lewis, Jack Hayden			19	5
381	Lichty, Maurice Gerald			18	4
368	Lindell, Edward Dempster			18	6 2
337 501	Lindsey, Eugene Elbert Linton, Laurence Joseph		Sept. 8, 1923 July 6, 1923	18 18	10
*46	Litty, Frederick Lucas, jr		Sept. 18, 1923	18	0
125	Loberg, Harry John		Aug. 27, 1923	17	10
i728	Lockhart, William Brotherton		Sept. 4, 1923	19	4
*41	Loeser, Arthur Edward		Aug. 15, 1923	20	4
x505	Lofberg, Gus Brynolf, jr	Michigan	June 14, 1922	19	2
i722	Longmeyer, Francis Joseph		July 5, 1923	19	1
104	Loos, Robert Bruce		July 3,1923	17	2
466	Loud, Wayne Rowe		Aug. 2, 1923	18	1
i714	Loughead, Karl Neely		July 3, 1923	19 19	2
162 277	Loveland, William Lowrie, Noble Wayne		Aug. 1, 1923 July 10, 1923	18	8
205	Lucas, James Walter, jr			19	0
*79	Lucier, James Aloysius		Aug. 13, 1923	18	5
157	Lugibihl, Eugene Lee			19	0
584	Luongo, Henry	New York	Sept. 7, 1923	19	7
373	MacPherson, Hamilton Carroll	Texas		19	10
547	Madison, John Meek	Louisiana		17	7
*74	Maginnis, Jack			19	5
*25	Maher, Edward John	Connecticut		18	9
552 637	Maher, Joseph Benedict	Connecticut Mississippi	July 3, 1923	18	6
146	Malley, John Wallace	West Virginia	July 20, 1923	17	5
580	Malone, Louis Theodore	Ohio	Aug. 31, 1923	18	8
580	Maloney, Thomas James	Wisconsin	July 5, 1923	18	8
h735	Manees, Edward Oslin	Arkansas	July 2, 1923	18	8
7	Manthey, Ernst Harold	Ohio	July 20, 1923	17	11
*59	Manville, Francis Crane	Idaho	July 6, 1923	18	11
594	Marggraff, Frederick Charles, jr	Connecticut	July 5, 1923	18	5
499	Marks, Arthur Duncan	North Dakota	July 30, 1923 Sept. 4, 1923	19 19	5
368	Marshall, Henry Morris	Minnesota	Dept. 4, 1923	19	11 1

first year of their academic course—761 members—June, 1924—Continued

Sea service in practice ships		Marine en- gineering and naval construc- tion	Mathe- matics	English	Languages	Aptitude for the service	Aggregat first year
				Maxin	num		
Months	Days	16	32	20	16	16	100
2	24	11.12	18.04	16. 47	12. 38	15. 40	73.
2	24	14. 10	22.84	16. 17	14. 36	15. 72	83.
2	24	10.08	22. 04	16. 08	15. 08	14.84	78.
2	24	13. 60	28. 00	16. 33	12.60	15. 20	85.
2	24	13. 86	23. 76	15. 11	12. 68	15. 56	80.
2	24	13.88	24. 24	15. 71	13. 54	15, 72	83.
2 2	24 24	11. 68 12. 78	24. 68 25. 96	15. 05 15. 28	13. 42 10. 60	15. 12	79. 80.
2	24	12. 78	20. 44	15. 28	11. 50	15. 60 15. 40	73.
2	24	11. 78	27. 28	16. 70	13. 68	15. 76	85.
2	24	14. 70	20. 72	15. 23	11, 22	15. 84	77.
2	24	11. 50	21. 04	14. 63	12. 22	15. 52	74.
2	24	11. 62	25, 00	14. 98	11. 14	15. 56	78.
2	24	12.86	26. 20	13. 59	13, 38	15. 56	81.
2	21	11.80	27. 84	15. 62	13. 08	15. 16	83.
2	24	10. 80	22. 52	13. 29	11.80	15. 56	73.
2	24	11.42	21. 12	14, 40	11. 12	15, 12	73.
2	24	11.96	20. 40	14. 69	13. 70	14. 72	75.
2	24	11.10	20. 36	16. 37	11.50	13.40	° 72.
2	24	13. 18	21. 28	13. 53	11.38	14.84	74.
2	24	13.00	23. 84	15. 27	11. 24	15. 44	78.
5	15	14. 36	23.00	14.61	12.10	13.80	77.
2	24	12. 10	23. 32	14.40	12.96	15. 24	78.
2	24	11.08	23.84	15. 11	13.90	14.60	78.
2	24	12.08	20. 32	14. 99	12.86	15. 24	75.
2	24	14. 90	26. 04	15.33	14.84	15.48	86.
2	24	13. 68	25. 56	16. 58	11. 46	15.96	83.
0	0	11. 20	18. 56	13. 59	10. 12	15.64	69.
2 5	15	14.78	28.04	15. 17	13. 02	15. 92	86.
0	15 0	11.32 12.32	21. 84 18. 44	15. 03	12.96	14.32	75. 69.
2	24	13. 18	26. 00	13. 86 15. 64	9. 64 13. 08	15. 24 15. 88	83.
2	24	11. 64	22. 08	14. 67	12. 22	15.64	76.
0	0	11.48	19. 32	14. 13	9. 36	15. 76	70.
2	24	12. 02	24. 40	15, 82	14, 72	14. 96	81.
2	24	13. 16	26.36	13. 71	10. 92	15. 52	79.
2	24	11. 10	27. 64	15.30	12. 18	14.84	81.
2	24	13.94	27.08	15.46	13.88	14.64	85.
2	24	14.74	24. 16	14. 76	12.74	15.64	82.
2	24	11. 22	22.40	13. 51	11.00	15.88	74.
2	24	12.24	22.40	15. 52	12. 10	15. 72	77.
2	24	10.70	21.04	15. 62	12. 10	15. 16	74.
2	24	14. 54	25. 72	16, 33	13.48	15.08	85.
2	24	14. 42	27. 60	15. 70	14.48	15. 68	87.
2	24	11.80	21. 04	13. 86	12.86	14. 96	74.
2	24	11.64	21.04	14. 97	10.38	14.88	72.
2	24	12.98	24, 44	16. 03	13. 36	15. 68	82.
2	24	11. 90	21. 24	14. 40	10.80	15, 68	74.
2	15	12, 16	20. 12	15. 96	10.06	15. 72	74.
0	0	10. 10	19. 72	13. 62	9. 62	15. 36	68.
0 2	0	10.16	04 64	17.00	15.00	15.00	0,5
2 2	24 24	12. 16	24. 64	17. 93 13. 30	15. 26	15. 80	85.
2	24	11. 80 11. 82	21. 16 20. 44		11. 78 12. 84	15.72	73.
2	24	12.60	23. 04	14. 68 14. 62	11.76	15. 76 16. 00	75. 78. 0

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	Order					date of
	eral merit	Names	State from which	Date of ad-		
f	or aca-	2102200	appointed	mission		
•	demic					
	year				Years	Months
_						
	719	Martin, Edward Joseph	Massachusetts	July 11, 1923	17	10
	276	Martin, Farar Benjamin Conner	Mississippi	July 5, 1923	17	9
	i686	Martin, Henry Luther, jr	Minnesota	Aug. 7, 1923	19	11
	220	Martin, Hunt Vreeland	Michigan	July 11, 1923	17	6
	161	Martin, Leslie Arnold	West Virginia	July 10, 1923	17	6
	319	Martin, Robert Ferree	Pennsylvnaia	Sept. 20, 1923	18	4
	471 549	Martin, Wiss Murray	Mississippi	Sept. 8, 1923	19	11
	363	Massie, Thomas Hedges	Kentucky	Aug. 6, 1923	18	5
	234	Matthews, Mitchell Dudley	do	July 2, 1923	20	1
	270	Mayer, Eldon Cunningham Mayfield, Albert Buford, jr	Ohio	July 6, 1923	17	7
	321	Mayo, Thomas Louis	Kentucky North Carolina		20	5
	375	McAlister, Francis Marion	Mississippi		18 18	4 5
	706	McBride, Herman Pope	Texas.		19	10
	525	McCann, Francis Wyllie	Massachusetts		17	11
	x475	McClaughry, John Glenn	Illinois	July 3, 1922	18	8
	388	McCord, Harlow	Nebraska	July 6, 1923	19	0
	221	McCormick, James Rhorer	Mississippi	July 3, 1923	19	11
	*69	McCoy, Melvyn Harvey	Indiana	July 5, 1923	16	6
	488	McCune, Francis Creith Brewer	Pennsylvania	Aug. 6, 1923	19	11
	406	McDaniel, Eugene Field.	Virginia	July 6, 1923	19	8
	*32	McGarry, William Thomas	Arkansas	July 9, 1923	18	5
	343	McGinness, Robert Joseph, jr	Ohio	July 24, 1923	19	2
	505	McIlhenny, Harry Haywood	North Carolina	July 3, 1923	18	11
	197	McKechnie, Arnold Wilfred		do	19	9
	393	McKinney, Eugene B.	Oregon	July 23, 1923	20	0
	699	McKinney, Joseph Dwight.	Ohio	July 2, 1923	19	0
	175	McKinstry, James Joseph	Tennessee	July 11, 1923	17	10
	314	McRoberts, James Johnston	Missouri	July 10, 1923	19	10
	148	Mead, George Gordon	New York	July 6, 1923	16	. 5
	106	Mechling, Wallace Bristol	At large	Aug. 20, 1923	16	5
	251	Melson, Charles Leroy	Virginia	July 6, 1923	19	1
	*66	Mewhinney, Leonard Sparks	Texas	July 16, 1923	16	8
	335	Midtlyng, Carl Robert	Montana	July 11, 1923	17	5
	685	Milburn, John Alexander	Washington	July 17, 1923	18	10
	*22	Miles, Paul Dombey	Illinois	July 2, 1923	18	2
	188	Miller, Kenneth Ross	Pennsylvania	Sept. 20, 1923	17	6
	*27	Miller, Shirley Snow	Florida	July 5, 1923	16	4
	482	Mitchell, Ray Andes	Tennessee	July 11, 1923	18	6
	257		do	July 5, 1923	18	11
	668	Monahan, Idris Burke	Wisconsin	do	18	8
	*53	Monroe, Jack Pendleton	Ohio	Aug. 2, 1923	19	1
	355	Montgomery, Alan Robert		July 11,1923	18	4
	317	Moore, Benjamin Eugene, jr	North Carolina	July 9,1923	16	11
	703	Moore, Everett Lloyd	Delaware	July 10, 1923	17	8
	500	Moore, Granville Alexander	Virginia	Aug. 20, 1923	18	2
	239	Moore, Raymond John	West Virginia	July 9,1923	19	8
	605	Morgan, Robert Burks, jr	Virginia	July 5, 1923	18	7
	361	Morris, Loren Arthur	Missouri	Aug. 1,1923	19	6
	141	Mortenson, George William	Massachusetts	July 3,1923	19	10
	626	Mulholland, George Anthony		do	18	7
	309	Munn, John Calvin	Arkansas	July 9, 1923	16	9
	102	Murphy, Joseph Nathaniel			18	1
	*49	Murphy, John William			17	6
	541	Mye, Lester Benjamin	New York	Sept. 4, 1923	19	10

first year of their academic course-761 members-June, 1924-Continued

Sea service in practice ships		Marine en- gineering and naval construc- tion	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
				Maxir	num		
Months	Days	16	32	20	16	16	100
2	24	10. 58	20.12	12. 71	10.60	15.68	69.6
2	24	12. 60	23. 28	14. 96	12.84	16.00	79.6
0	0	12. 30	19. 12	13. 64	10.90	15. 64	71.6
2	24	11.66	25. 12	16. 32	12. 02	15. 56	80.6
2 2	24 24	12.82 13.16	24. 36 23. 32	15. 32 13. 63	13. 68 12. 90	15. 76 15. 84	81. 9 78. 8
2 2	24	12.78	21. 92	16. 09	10. 78	14.60	76. 1
2	24	11.80	21. 32	14.81	12. 42	14. 00	74. 5
2	24	13. 28	23. 04	14. 62	11.68	15.48	78. 1
2	24	13. 12	22, 28	14. 88	14. 64	15. 48	80.4
2	24	11.70	23. 48	15. 60	13. 28	15. 72	79. 7
2	24	11.06	23.68	15. 31	13. 10	15. 64	78.
2	24	11.54	23.32	14. 33	13.04	15.72	77.9
2	24	10. 78	20. 36	13. 54	9.88	15. 92	70. 4
2	24	12.56	21. 52	13.80	11.82	15. 36	75. (
2	24	12.00	20. 56	16. 04	12.92	14. 60	76.
2	24	11, 84	23. 68	15. 15	11. 68	15. 32	77. (
2	24	13. 58	24. 20	14. 83	12. 50	15. 56	80. (
2	24	11.86	30.00	15. 47	13. 78	14. 16	85.
2	24	12.88	21.96	13.85	11. 48	15. 72	75.
2	24	12. 02	23. 00	15.34	11. 42	15. 64	77.
2	15	14. 20	26. 36	16. 11	14. 84	15.80	87.
2 2	24 24	12. 66	25. 56	13. 66 14. 51	12. 44	14. 16	78.
2 2	24	11. 58 13. 24	22. 16 23. 88	14. 51	11, 82 13, 32	15. 40 15. 68	75. 4 81. 1
2	24	12. 68	22. 56	14. 82	11.70	15. 84	77.
2	24	10. 34	20. 24	14. 09	11.74	14, 32	70.
2	24	12. 12	23.84	15. 88	14. 64	15. 20	81.
2	24	12. 92	23. 48	14. 87	12. 88	14, 80	78.
2	24	14. 36	23. 08	15. 73	14. 60	14. 64	82.
2	24	13. 00	24. 60	15. 93	14. 64	15. 56	83.
2	24	13.76	23. 36	15. 17	11. 88	16.00	80.
2	24	12.12	25. 44	16.48	15. 52	15.80	85.
2	24	12. 94	23. 36	14.84	12. 04	15. 36	78.
2	24	10. 82	20. 28	13. 68	11. 96	14.88	71.
2	24	13.48	28. 28	16. 95	13. 64	15. 60	87.
2	24	11. 42	24. 20	15. 55	15. 14	15. 16	81.
2	24	13. 50	26. 68	16.97	14. 86	15.80	87.
2 2	24	12. 88 12. 34	22. 04	13. 55	12.32	15. 20	75.
2 2	24 24	12. 34	22. 28 19. 96	16. 38 14. 29	13.32	15. 80	80.
2	24	13. 60	26. 60	16. 18	10. 78 14. 20	15. 44 15. 60	72. 86.
2	24	13. 46	23. 80	13. 74	11. 56	15. 68	78.
2	24	12. 58	23, 36	15. 89	11. 76	15. 32	78.
2	24	10. 64	20. 32	14. 89	10.78	14. 00	70.
2	24	11.98	21. 04	14. 56	12.36	15. 56	75.
2	24	13. 48	23. 36	14. 97	12. 54	15. 96	80.
2	24	12. 78	20. 32	14. 05	10. 54	15. 84	73.
2	24	14. 00	21. 76	15. 00	11. 86	15. 52	78.
2	24	13. 74	24.80	14, 92	13. 48	15. 68	82.
2	24	11. 18	21.72	13. 60	10.94	15. 76	73.
2	24	13. 04	22.80	15. 71	12. 20	15, 28	79.
2	24	15. 06	24.60	15. 58	12.86	15. 76	83.8
2	24	14. 26	27. 44	15. 77	13. 18	15. 72	86.
2	24	13.30	21.00	13. 25	11, 24	15. 92	74.

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Order of gen-			-		t date of nission
eral	Momen	State from which	Date of ad-		
merit for aca-	Names	appointed	mission		
demic					
_ year				Years	Months
400	25-1-0-11-11-11-11-11-11-11-11-11-11-11-11		T.1 10 1000		
486	Myers, Curtis Arthur William	Connecticut		18	3
721 308	Myers, Richard Edwin:	Indiana	July 10,1923 July 2,1923	17 17	9
383	Napier, Edmund Tressilian, jr	Mississippi	Aug. 31, 1923	19	0
128	Nation, William Millage	do	July 9, 1923	17	9
397	Neblett, Thomas Barbee.	Arkansas	July 6, 1923	18	11
*19	Neuhaus, Herbert Milton	Wisconsin	July 2, 1923	19	6
284	Neuhauser, Newlin	Pennsylvania	July 12, 1923	18	3
689	Neville, Forrest Lynne	Oklahoma	July 3, 1923	19	9
673	Newbegin, Robert Goodchild, 3d	New York	July 7, 1923	16	5
*76	Newhart, Harold Guthrie	Ohio	July 6, 1923	20	0
462	Newton, Charles McCall	South Carolina	Sept. 4, 1923	19	3
*73	Newton, Miles Stanley	Vermont	do	20	4
649	Nickelson, William Richardson David,	Arkansas	Aug. 6, 1923	18	4
204	jr.),	T1 11 1000		_
324	Nilon, Leo William	New York	July 11, 1923	17	7
178 580	Oberrender, Thomas Olin	Pennsylvania Iowa	July 20, 1923 Aug. 6, 1923	16 19	10
*203	Olin, Philip CarlOlmsted, Fredrick Lockwood	do	July 21, 1923	18	0
*64	Olsen, Eliot	Massachusetts	July 2, 1923	19	7
139	Olson, Robert Alexander	New Jersey	July 11, 1923	17	8
582	O'Neil, Archie Edward	West Virginia	July 25, 1923	17	11
348	O'Neill, David Ferguson	Alabama	Sept. 4, 1923	18	8
0715	Orf, Harold George	Pennsylvania	July 27, 1923	17	8
*67	Organ, William Hugh	Nevada	July 3, 1923	20	1
198	Osborn, Wendell Gullefer	Indiana	July 10, 1923	17	9
h623	Otis, Maurice Lowell	Wisconsin	July 12, 1923	19	1
675	Outerbridge, William Woodward	Ohio	July 6, 1923	17	3
*1	Overfelt, Ferol Davis	New Mexico	July 9, 1923	18	7
200	Overfield, David Basham	Montana	July 10, 1923	17	2
230 110	Owen, Hilfort Craft	Hawaii New York	July 31, 1923 Aug. 1, 1923	18 19	4
326	Paige, Henry Reid Palmer, Robie Ellis	Maine	Aug. 1, 1923 July 10, 1923	19	0
595	Pancoast, Leonidas Walthall	Texas	July 12, 1923	19	2
643	Pardee, Clarke Mensch	Delaware	July 2, 1923	18	10
208	Parke, Lee Wood	Tennessee	July 7, 1923	19	3
588	Parker, Charles William	Ohio	July 10, 1923	17	11
152	Parks, J. D.	Tennessee	Sept. 26, 1923	18	4
479	Parsons, William Seavey	Mississippi	July 5, 1923	18	10
599	Pate, Oscar Willis, jr	Georgia	do	18	7
417	Patrick, Marion Gardner	do	July 2, 1923	18	6
560	Patterson, Alexander McLeod	North Carolina	July 3, 1923	18	7
177 455	Patterson, Earl Barnard Pellegrino, Pete August	Missouri Kansas	Sept 4 1023	19 20	6 5
*35		Florida	July 10, 1923	19	11
476	Perkins, Fordyce Byron	Rhode Island	July 9, 1923	18	11
h723	Perrine, Pierre Clyde	Indiana	July 12, 1923	18	7
w	Peterson, James Shadle	South Dakota	July 3, 1923	19	3
247	Pfingstag, Carl Jesse	Indiana	July 16, 1923	17	4
*6	Pfingstag, Herbert John	do	do	19	5
633	Phillips, Joseph Herbert	Louisiana	Sept. 4, 1923	18	0
*38	Phillips, Richard Helsden	California	July 10, 1923	16	7
547	Pickens, Madison Dallas	Mississippi	July 3, 1923	19	2 7
351 453	Pickering, Sam	Alabama Texas	Sept. 4, 1923 July 11, 1923	18 17	8
400	Pierce, Robert Archer	1 eras	July 11, 1943	17 1	01

first year of their academic course—761 members—June, 1924—Continued

Sea service in practice ships		Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
				Maxir	num		
Months	Days	16	32	20	16	16	100
2	24	10, 40	20. 76	16, 23	14, 14	14. 40	75. 9
2		10. 84	20. 36	12.76	9.80	15, 76	69, 52
2		13. 44	23.00	15. 55	11.50	15. 56	79. 08
2		12. 12	22.44	14. 32	13. 48	15. 44	77. 80
2		12. 60	25, 52	15. 94	13. 24	15. 88	83. 18
2		12.96	20. 28	15. 95	12. 38	15. 96	77. 53
2		15. 70	29. 60	14. 97	12. 22	15. 84	88. 33
2		12.48	23. 84	15. 02	12.44	15. 76	79. 54
2		10. 28	20. 16	14. 27	11.50	15. 24	71. 45
2		11.70	22. 12	13. 87	11.88	12. 48	72. 05
2		13. 98	26. 96	15. 29	13. 22	15.60	85. 08
2		12.44	22. 20	13.90	11.80	16.00	76. 34
5		15, 08	25. 76	16. 07	12. 50	15. 76	85. 17
2		11. 80	21. 32	13. 37	10. 16	15. 88	72. 53
2	24	13. 18	22. 48	15. 34	11. 96	15.76	78. 72
2	24	12. 18	25. 76	14. 45	13, 32	15.88	81. 59
2	24	13. 12	20. 32	13. 90	11. 00	15. 68	74. 02
2	24	14. 12	30. 12	15. 22	13. 02	15. 68	88. 16
2	4	13. 62	25. 92	14. 80	15. 30	15. 76	85. 40
2	24	15. 50	25. 88	14. 67	10.88	15. 72	82. 65
2	24	11. 82	20. 68	13. 28	10. 16	15. 76	71. 70
2	24	12.84	23. 28	14.00	12. 56	15. 68	78. 36
0	0	11.16	14.88	12.78	11. 14	15. 92	65. 88
2	24	14.14	27. 24	16. 02	12. 60	15. 32	85. 32
2	15	12.96	23. 24	15. 02	14.60	15. 44	81. 26
0	0	11. 64	19. 44	15. 01	11.38	15. 80	73. 27
2	24	12. 28	20. 56	13. 37	10.80	15.00	72.01
2	24	14. 70	30. 48	16. 65	15. 60	15. 68	93. 11
2	24	13. 90	23. 40	15. 18	13. 26	15. 40	81. 14
2	24	14. 94	23. 80	14. 55	13. 18	14. 08	80. 55
2	15	13. 94	24.08	15. 85	13.86	15. 92	83. 65
2	24	12.46	22. 00	14. 55	14. 18	15. 52	78. 71
2	24	13.06	20.60	13. 46	10. 98	15. 64	73. 74
2	24	11.20	21. 24	15. 12	10. 54	14. 64	72. 74
2		14.68	24. 84	14. 40	12. 64	14. 44	81.00
2		11.08	20.84	14. 88	11.78	15. 36	73. 94
2		11. 14	25. 36	16. 78	14. 92	14. 12	82. 32
2		13. 90	20. 88	14. 92	10. 56	15. 80	76.00
2		11.70	22. 04	14. 12	11. 12	14. 72	73. 70
2		10. 96	21. 36	15. 79	, 13.48	15. 64	77. 23
2		11.60	20. 16	15, 22	11.72	15. 68	74. 38
2		13. 62	23. 92	15. 92	12. 38	15. 76	81. 60
. 2		14. 02	21. 56	13. 51	11.48	15.84	76.41
2		14. 54	26, 28	15. 95	14.86	15. 52	87. 15
2		12.74	22. 20	14. 22	12. 26	14. 68	76. 10
0		11.30	19. 44	13. 22	9. 82	15. 52	69. 30
0		(a)	(a)	(a)	(a)	14.80	
2		13. 12	25. 04	14.84	11. 28	15.96	80. 24
2		14.80	30. 36	15. 50	14. 68	15. 68	91.02
2		12. 72	21. 44	13.87	10. 14	14. 76	72, 93
_ 2		13. 90	27. 20	16. 11	14. 70	15. 16	87. 07
2	24	12. 12	21. 08	14. 82	11. 12	15. 48	74. 62
2		12. 10	23.00	14. 20	13. 20	15. 80	78. 30
2		10. 26	20. 44	15. 53	15.04	15. 24	76. 5

0	Order f gen- eral nerit	Names	State from which appointed	Date of ad- mission	Age at date of admission		
d	r aca- emic year	2 0			Years	Months	
	*76	Piper, Earl Sanford	Missouri	June 20, 1922	17	4	
	410	Pond, Reed Kimball	Utah	July 6, 1923	19	3	
	215	Ponvert, Edwin King	New York	Sept. 4, 1923	19	8	
	151	Potter, George Hubbard	Montana	Sept. 28, 1923	17	4	
	315	Potts, William Hutton	Pennsylvania	June 21, 1922	19	1	
	465 169	Powell, Elmer Calvin	Ohio Oklahoma	Aug. 31, 1923 July 9, 1923	19 16	9	
	*75	Price, Walter Harold	District of Co-	Aug. 8, 1923	19	8	
	.0	Arrecy Water Albi Old	lumba	11ug. 0, 1020	10	0	
	619	Prichard, James Alexander	Texas	July 23, 1923	18	0	
	459	Pryce, Roland Fremont	Pennsylvania	July 16, 1923	17	0	
	x518	Pryor, Francis Dennis	Georgia	June 29, 1922	19	10	
	346	Purdy, Howard Edward	New Jersey		19	9	
	170	Pyne, Charles Crosby	At large		17	10	
	233 h711	Quackenbush, Robert Stewart, jr	New York Wisconsin	,	19 19	6	
	669	Quattlebaum, Winston Irwin	Texas		19	10	
	h534	Radom, Matthew	Connecticut		17	11	
	603	Ramsay, James Alston	North Carolina		17	1	
	*20	Ramsey, Paul Hubert	Ohio	do	18	5	
	*10	Randig, Wesley Herbert	Massachusetts	do	20	1	
	260	Randolph, Reunah	Kentucky		18	8	
	1551	Rathbun, Ross Fay	New York	July 20, 1923	18	8	
	301 h724	Reinders, Raymond John Renard, Jack Clayton	Wisconsin	July 16, 1923	19 17	6	
	0690	Rice, James Mitchell	West Virginia	July 23, 1923 July 10, 1923	17	4	
	97	Rice, Robert Henry	Missouri	July 6, 1923	19	10	
	451	Richards, Harold Peter	Iowa	July 2, 1923	17	10	
	246	Richardson, Gill MacDonald	New Jersey	July 20, 1923	17	11	
	h667	Richardson, Harry Wallace	do	July 6, 1923	19	11	
	329	Rickabaugh, Robert Stultz	Pennsylvania	Sept. 13, 1923	17	9	
	x612	Rickertts, Roland Wendell	Indiana	June 21, 1922	20	0	
	646 *30	Rider, James Conklin Bigby, James Verne	California	July 2,1923	18 18	11 8	
	214	Riker, Monro Marvin	New Jersey	July 6, 1923	18	7	
	277	Riley, Herbert Douglass	Maryland	do	18	6	
	371	Roberts, James McNeill	North Carolina	July 12, 1923	19	0	
	561	Roberts, Nathaniel Taylor	Arkansas	July 9, 1923	16	6	
	218	Robinson, Alvin	New Jersey	Aug. 17, 1923	18	5	
	152	Robinson, Edwin Burton	do	July 13, 1923	19	10	
	693 174	Rogers, Richard Boone Romizer, William Taylor	FloridaIndiana	July 5, 1923 July 2, 1923	18 19	5 5	
	354	Rose, Gardner Keyes Grout	Illinois	July 3, 1923	19	2	
	616	Ross, Philip Harold	Missouri	July 5, 1923	17	7	
	578	Ross, Richard Potts, jr	Maryland	- /	17	4	
	633	Rounds, Clinton Stilwell	South Dakota	July 3, 1923	19	10	
	83	Rowley, Welton Dana	do	July 11, 1923	17	8	
	571	Royall, William Freeman	North Carolina	July 3, 1923	19	3	
	517	Rubins, Joseph Russell	Ohio	July 10, 1923	18	1 5	
	431	Rudolph, Louis Joseph	Missouri New York	July 7, 1923	18 17	8	
	80	Russillo, Michael Peter Rutledge, Raymond Poston	Missouri	July 9, 1923	17	5	
	335	Sabater, Jaime			19	1	
	367	Sabol, Ernest John	Pennsylvania		19	1	
	590	Sagal, Ivan Andrew			18	1	

first year of their academic course—761 members—June, 1924—Continued

Sea service in practice ships		Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
				Maxir	num		
Months	Days	16	32	20	16	16	100
2	24	13. 18	27. 72	15. 73	14. 58	13. 84	85. 05
2	24	12. 02	20.64	15. 83	13.40	15. 44	77.33
2	24	13. 02	22, 40	16. 11	13. 74	15. 56	80. 83
2	24	11. 34	24. 48	15.88	15. 30	15. 36	82. 36
2	24	14.08	23. 64	14, 20	11. 10	15. 92	78. 94
2	15	14. 18	22. 36	12. 90	11. 08	15. 76	76. 28
2	24	12.62	25. 44	15. 02	13. 18	15, 52	81. 78
2	15	14. 18	26. 80	15. 55	12.96	15. 64	85. 13
2	24	11.74	21. 76	13. 77	10. 22	15.84	73. 33
2	24	12. 20	21. 20	15. 42	12.62	14. 92	76. 36
2	21	13. 04	20. 80	14. 19	11.86	15. 36	75. 25
2 2	24	11.46	22. 92	14. 79	13.36	15. 84 15. 80	78. 37
2 2	24 24	14. 64 13. 72	24, 12 24, 68	15. 11 14. 99	12. 08 11. 26		81. 75
2 2	24	10. 58	19. 80	14. 55	11. 26	15. 80 14. 04	80. 48 70. 23
2	24	12.66	20. 40	14. 51	10. 36	14. 20	70. 2
2	24	12. 22	19. 60	14. 63	13.00	15. 48	74. 9
2	24	10. 74	20. 60	13. 84	12.64	15. 80	73. 65
2	24	14. 02	27. 76	15. 37	15. 14	16. 00	88. 2
2	24	15. 62	28. 44	16. 02	14. 38	15. 36	89. 89
2	24	13. 18	25. 32	14. 78	10. 90	15. 84	80. 02
2	13	13. 40	25, 96	15, 26	12.30	15. 32	82, 24
2	24	13. 90	23. 20	14. 95	11.60	15. 56	79. 23
0	0	12.64	19. 44	13.36	9.88	13. 92	69. 24
0	0	10. 48	18. 80	14. 46	12.30	15. 40	71. 44
2	24	11. 64	25. 16	16. 81	14. 92	15. 72	84. 2
2	24	11. 46	20. 68	16. 25	12.16	16.00	76. 5
2	24	13. 54	22, 08	15. 49	13. 62	15. 52	80. 2
2	24	13. 14	20. 56	13. 49	9. 84	15. 20	72. 23
2 2	24 21	11. 38 13. 56	23. 84 21. 20	14. 81 13. 90	12. 80 10. 06	15.84	78. 6
2 2	24	12. 96	20. 44	14. 30	10.06	14. 72 14. 56	73. 44 72. 70
2	15	14.36	27. 92	15. 46	13. 94	15.84	87. 5
2	24	13. 82	24. 04	12. 90	14. 48	15. 60	80. 8
2	24	12. 36	24, 20	15. 33	11.82	15. 96	79. 6
2	24	12.34	23. 32	14. 65	11.80	15.88	77. 9
2	24	11.78	22. 52	13.06	11, 22	15. 76	77. 3
2	24	12.70	25. 80	15. 91	12. 22	14.08	80. 7
2	24	13. 46	24. 84	15.06	13, 72	15. 24	82, 3
2	24	11. 84	21. 32	13. 48	11.60	13. 08	71. 3
2	24	13, 28	22, 56	16.00	14. 26	15. 60	81. 70
2	24	11. 66	23. 36	14. 38	13. 64	15, 24	78. 28
2	24	11. 70	22. 16	13. 73	10.00	15. 76	73. 3
2	24	11. 56	20. 32	15. 09	11. 26	15. 84	74. 0
2	24	12.40	20. 20	13. 69	10.88	15. 76	72. 93
2	24	14.72	27. 64	15.79	11. 86	14. 76	84.7
2	24	12.40	21. 36	12. 66	12.08	15. 68	74. 18
2 2	24 24	11. 24 11. 20	20. 80	15. 22	12.60	15. 44	75. 30
2	24	11. 20	23. 52 21. 80	16. 89 15. 21	11. 34 14. 40	14.00	76. 98 77. 4
2	24	13. 34	26. 04	16. 50	13. 02	14. 52 15. 96	84. 80
2	24	10. 84	22. 40	14. 30	15. 02	15. 96	78. 54
2	24	12. 54	24. 00	14. 36	11. 74	15. 40	78. 04
2	24	11.38	20. 56	13. 25	13. 32	15. 32	73. 83

					3.46
Order					t date of nission
of gen- eral					
merit	Names	State from which	Date of ad-		
for aca-		appointed	mission		
demic year					
year				Years	Months
*36	Salzer, Karl Roberts	Florida		19	1
i 702	Samsot, Robert Desposito	Louisiana	July 5, 1923	18	0
344	Sands, William Robert, jr	Indiana	do	16	10
265	Sauer, Lloyd Raymond	Illinois		18	2
531	Saunders, Willard Arthur	Montana		18	8
h716	Sayers, Lewis Wetzel, jr	Pennsylvania		18	9
*56	Scheer, George Henry, jr	Wisconsin	- ,	18	5
443	Schirmeyer, Theodore George	do	July 10, 1923	17	6
208	Schmidt, John William		Sept. 15, 1923	17	4
608	Schumacher, Jules Frederick			19	2
112	Schumm, Brooke		July 6, 1923	17	7
*24	Schwab, Jacob Clifford	Kentucky	Aug. 1, 1923	18	3
205 *14	Schwarz, Alden Delbert	Illinois	July 3, 1923	19	0
i710	Scoles, Albert Buddy	Kansas	July 2, 1923	17	7
385	Scott, John Harvey		Sept. 4, 1923	18	0
378	Scott, Roger Frederick	Illinois	Sept. 20, 1923	18	10
*68	Scott, Roy	Tennessee New York	July 28, 1923	19	1
f	Seabring, Cornelius Samuel		Aug. 2, 1923	17	1
546	Sealy, Havert Stanly, jr	Louisiana	Sept. 18, 1923 July 3, 1923	20	2
261	Shanahan, Edward Kim	Pennsylvania Michigan	,	18 19	10
468	Shands, Courtney	Missouri	July 10, 1923 July 6, 1923	17	0 7
511	Shank, James Leo	Iowa	July 10, 1923	16	7
x544	Shapley, Alan		July 18, 1922	19	5
484	Sharp, Ulysses S. Grant, jr	Montana	July 16, 1923	17	3
593	Shaw, George Joseph, jr	At large	July 7, 1923	19	1
437	Shaw, Herbert Weller		June 16, 1922	19	6
496	Shea, William Wolcott	Maryland	July 7, 1923	19	3
404	Sheaffer, Lewis John	Pennsylvania	July 9, 1923	18	3
428	Sheehan, Harold Robert		July 6, 1923	18	5
585	Shepperd, William Marshall	North Carolina	Sept. 4, 1923	18	11
i748	Shipley, Roland Curry	Maryland	July 19, 1923	19	4
i736	Shipman, Frederick William	Pennsylvania	July 10, 1923	19	3
265	Shook, Loring Oswald.	do	July 3, 1923	18	2
660	Simpson, Jimmie Rupert	California	Sept. 10, 1923	20	0
491	Sipe, Harold Frederick		July 19, 1923	19	1
r	Skade, Alfred Mathew:	Nebraska	July 20, 1923	18	0
501	Skelly, Charles Joseph	California	Aug. 7, 1923	18	4
*18	Slayden, John Walter	Tennessee	July 5,1923	17	11
632	Sloss, Marion Bernard	California	July 3, 1923	17	5
271	Smiley, William Horace, jr	Connecticut	July 6, 1923	18	2
115	Smith, Allen	California	July 10, 1923	19	4
213	Smith, George Michael Bruno		July 5, 1923	18	7
495	Smith, Marshall Lawrence	California	Aug. 15, 1923	18	2
671	Smith, Randolph Monroe	Mississippi	July 3, 1923	18	2
219	Smith, Richard Wilder	New York	Aug. 6,1923	19	10
243	Smith, Robert Seguine	Michigan	July 10, 1923	17	1
514	Smith, Thurmond Augustus	Alabama	July 9, 1923	18	8
p389	Smyth, John Borden	New Jersey	June 27, 1922	17	1
*2	Snyder, Philip Wolcott	New Hampshire	July 2, 1923	17	1
490	Southerland, Leonard Bradshaw	Alabama	July 23, 1923	18	3
412	Southwick, Edward Page	Massachusetts	July 6, 1923	19	9
302	Sparklin, James Donald	Delaware	July 2, 1923	18	4
334	Specht, William Carl	Idaho	July 9, 1923	20	1
434	Speck, Robert Hursey	South Dakota	Aug. 15, 1923	16	9

first year of their academic course-761 members-June, 1924-Continued

Sea service in practice ships		actice	Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
					Maxir	num		
Months	D	Days	16	32	20	16	16	100
2		24	14, 56	29, 32	15. 79	12, 66	14.80	87. 13
0		0	10.16	17.92	14.44	12.28	15.84	70. 6-
2		24	12. 44	24.36	16.10	12.40	13. 16	78. 4
2		24	13, 60	22. 08	16.06	12. 42	15. 68	79. 8
2		24	12. 88	21. 44	14. 36	11. 48	14. 80	74, 9
2		24	10. 18	19.92	13. 67	10. 28	15. 88	69. 9
2		24	15.00	24. 68	16. 58	14. 20	15. 64	86. 1
2		24	12. 20	21. 12	15. 03	12. 92	15. 44	76. 7
2		24	14. 68	21. 88	15. 56	13. 24	15. 64	81.0
2		24	12. 26	21.08	14, 21	10. 34	15. 60	73. 4
2		24	14. 28	23. 88	15. 39	14. 28	15. 72	83. 5
2		24	13. 16	27. 80	17. 03	15. 22	14. 68	87.8
2		24	12, 36	23. 84	16. 18	13. 44	15. 24	81.0
2		24	14. 78	28. 88	16. 54	14. 20	14, 64	89. 0
2		24	11.78	19. 80	12.93	11. 16	14. 64	70.3
2		24	12.78	22. 68	14.87	11.74	15. 64	77. 7
2		24	11. 42	21. 52	15. 25	14.00	15. 72	77. 9
2		13	13.00	26. 24	16. 01	14. 04	16.00	85, 2
0		0	(a)	(4)	(a)	(a)	14. 16	
2		24	11.98	20. 48	14. 21	12.96	15.00	74. 6
2		24	13. 90	25. 76	14.37	10.96	14. 96	79. 9.
2		24	12.04	21. 96	14. 10	12. 10	16.00	76. 20
2		24	12, 16	22. 72	14. 66	10.92	14. 96	75. 4
2		10	12. 64	20. 28	14. 72	11. 18	15. 84	74. 6
2		24	11.94	20. 96	15. 14	12. 22	15. 72	75. 9
2		24	10. 58	21. 76	14. 45	11. 10	15. 92	73. 8
5	-	15	11.86	23. 44	14. 14	11.94	15. 44	76. 8
2	,	24	11. 60	. 21.92	14. 48	12. 14	15. 52	75. 6
2		24	12. 24	23. 16	14. 23	12. 28	15. 52	77. 4
2		24	11. 84	21. 24	15. 12	13. 96	14. 84	77. 0
2		24	11.36	21. 64	14, 23	10. 96	15. 80	73. 9
0		0	10. 26	16. 32	13. 45	9. 34	15. 76	65. 13
0		0	10. 78	18. 96	13. 64	9. 50	15. 40	68. 28
2		24	12. 54	24. 40	15. 26	12. 72	14. 92	79. 8
2		24	12. 72	21. 28	13. 07	10. 58	14. 68	72. 3
2		24	12, 24	22, 04	14. 38	11. 52	15. 60	75. 7
0		0					20.00	
2		24	13. 86	21. 04	14. 59	10.80	15. 20	75. 4
2		24	14. 66	26. 72	16. 37	14. 62	16. 00	88. 3
2		24	11. 06	20. 20	13. 85	12. 86	15. 00	72. 9
2		24	13. 70	22.96	14. 32	13. 30	15. 48	79. 70
2		24	12. 70	26. 16	15. 57	13. 62	15. 44	83. 49
2		24	12. 96	24, 32	15. 99	11. 88	15. 76	80. 9
2		24	13. 40	21. 04	15, 12	10, 68	15. 44	75. 68
2		24	11. 64	20. 84	13. 96	11. 14	14. 48	72. 06
2		24	13. 94	23. 64	14. 63	12. 80	15. 68	80. 69
2		24	12. 24	25. 24	15. 18	12. 10	15. 52	80. 28
2		24	12. 82	21. 32	14. 59	11. 58	15. 04	75. 38
2		9	12. 36	23. 32	14. 09	12.00	15. 88	77. 68
2		24	14. 28	31. 20	16. 96			
2		24	12. 82	22. 64		14. 98	15. 40	92. 89
2		24			13.74	11. 42	15. 20	75.89
		1	12. 90 13. 56	22. 28	14. 61	13. 16	14. 32	77. 27
2		24		23, 72	14. 60	12.04	15. 28	79. 20
2 2		15 24	12. 42 12. 34	22. 48 23. 6S	15. 67 14. 97	12. 38 11. 40	15. 60	78. 55

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				A ma a	t date of
Order				adn	ission
of gen- eral		04-4-6	To do of a T		
merit	Names	State from which appointed	Date of ad- mission		
for aca- demic		аррописа	211100102		
year					
				Years	Months
2001					
630	Spilker, James Julius	Missouri	Aug. 27, 1923	19	11
656	Stallings, George Bennett Haywood	North Carolina	July 9, 1923	19	9
*16	Stanley, Henry Brian	Hawaii	July 2, 1923	18	. 7
472	Stansbury, Theodore Roosevelt	Kentucky	July 5, 1923	19	3
538	Starkus, Charles Joseph	Massachusetts	July 20, 1923	20	3
180	Steiner, Carl Ludwig	Maryland	Aug. 28, 1923	18	0
491	Sterling, Donald Melvin	Iowa	July 9, 1923	18	10
*23	Stevens, Ralph Lloyd	South Dakota	Sept. 7, 1923	19	10
p577	Stewart, William Henry, jr	Massachusetts	June 21, 1922	19	7
h696	Stewart, William Holden, jr	California	July 10, 1923	17	2
240	Stillman, Carl Frederic	Minnesota	July 9, 1923	16	6
604	Stinson, Peery Lamar	Arkansas	July 2, 1923	17	2
234	Stofflet, Jere Howard	Pennsylvania	July 20, 1923	18	11
713 221	Stokes, Phillip Gaines	Mississippi	July 25, 1923 July 6, 1923	18 17	1
i730	Stone, Martin Robert	Kentucky	July 9, 1923	17	10
339	Stryker, Maurice Cline	Texas	Sept. 4, 1923	19	6
283	Stukey, Wayne Thomsen	Nebraska	Sept. 6, 1923	19	10
i737	Sugg, Tom Thompson	Tennessee	July 3, 1923	19	1
240	Sullivan, Emmett John	Colorado	July 10, 1922	19	9
236	Sullivan, George David	New York	July 9, 1923	19	10
i744	Sullivan, Kenneth Thomas	Kansas	July 10, 1923	17	7
150	Sutherland, Alan Berkeley, jr	New York	July 2, 1923	17	11
618	Sutherland, William Alexander, jr	New Mexico	Aug. 20, 1923	17	5
240	Swearingen, Earl Kendall	Missouri	July 10, 1923	.18	1
p561	Symes, Robert Thomas	New York	June 30, 1922	19	6
718	Taber, William Farrington	Nevada	July 6, 1923	17	9
143	Tague, Philip Aloysius, jr	Massachusetts	July 5, 1923	17.	11
*58	Taliman, Hareld Lamont	Illinois	July 11, 1923	19	6
651 413	Tankard, Philip Barraud	Virginia	July 5, 1923	20	1
268	Taylor, Arthur Howard	Pennsylvania Louisiana	July 10, 1923 July 3, 1923	18 19	4
138	Taylor, Howard William Taylor, Joe	Illinois	July 3, 1923 July 10, 1923	17	0
88	Teall, Edward Nelson, jr	Massachusetts	July 5, 1923	17	7
555	Thach, John Smith	Arkansas	July 9, 1923	18	3
516	Thomas, William Dow.	Pennsylvania	July 6, 1923	19	3
133	Thorpe, Harlan Martin	South Dakota	July 16, 1923	17	8
r620	Timberlake, Casper Hill	North Carolina	Sept. 21, 1923	18	0
638	Tingle, Asher Preston	Delaware	Sept. 4, 1923	19	1
312	Tinter, John Frank	Ohio	July 3, 1923	20	2
h660	Todd, David Wooster, jr	At large	July 6, 1923	* 18	11
*17	Tolson, David Watkins	Minnesota	July 2, 1923	19	0
545	Tomb, James Harvey, jr	California	do	18	2
*45	Tooke, Charles Merriam	New York	July 7, 1923	17	1
707	Tortorich, Herbert Theodore	Louisiana	July 3, 1923	17	6
371	Tracy, John Steuert	Minnesota	July 10, 1923	18	1
# 596	Trafton, Spalding, jr	Kentucky	June 17, 1922	16	5
108 440	Traua, Harold Francis Truslow, Alfred Russell, jr	New Jersey Georgia	Aug. 1, 1923	17	3 0
232	Tuggle, George Bushnell	Idaho	Sept. 4, 1923 July 17, 1923	19 17	11
444	Turner, Frank	Pennsylvania	Aug. 27, 1923	16	. 10
717	Underwood, John Alexander	Texas	July 10, 1923	18	1
154	van Doorn, Willem	Netherlands	July 5, 1923	19	1
436	Van Mater, Blinn	Indiana	July 6, 1923	18	9
654	Van Orden, George Owen	At large		16	10

first year of their academic course—761 members—June, 1924—Continued

Sea service shi		Marine en- gineering and naval construc- tion	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
				Maxin	num		
Months	Days	16	32	20	16	16	100
2	13	13. 14	21. 80	12.00	10. 52	15. 60	73.0
2	24	12. 12	21. 12	12.99	10. 38	15. 80	72. 4
2	24	13.88	28. 40	15. 55	14. 86	15. 72	88. 4
2	24	12. 76	22. 52	14. 23	11.92	14. 72	76. 1
2	24	11. 52	20. 36	14. 09	13. 50	15. 28	74.7
2	24	13. 74	26. 36	14. 63	11.42	15. 40	81. 5
2	24	13. 66	20. 60	16. 30	10.06	15. 16	75. 7
2	24	14. 58	29. 08	16. 10	13. 18	15.00	87. 9
2	21	12. 50	21. 96	12. 74	11. 24	15. 64	74. 0
2	24	10.84	19. 72	14. 85	10.68	14. 92	71.0
2 2	24 24	11. 96 11. 88	22. 80 23. 64	15. 67 13. 40	14. 66 11. 12	15. 20 13. 52	80. 2
2	24	11. 94	23. 88	15. 58	13. 84	15. 16	73. 5
2 2	24	10. 70	20, 08	14. 14	10. 42	14. 84	80. 4 70. 1
2	24	12.70	23. 40	15. 31	13. 62	15. 64	80. 6
0	0	10. 44	18. 40	13. 90	10. 14	15. 92	68. 8
2	24	13. 92	21. 88	15. 70	12. 08	14. 92	78. 5
2	24	12. 94	23. 32	13. 85	14. 28	15. 16	79. 5
0	0	10. 58	18. 68	13, 06	10. 22	15. 60	68. 1
2	24	12.98	24. 92	14. 79	12.44	15. 16	80. 2
2.	24	13. 20	24. 64	15. 06	11. 64	15. 84	80. 3
0	0	10. 18	18. 04	13. 89	9.84	14. 44	66. 3
2	24	14. 62	25. 72	14. 73	11. 50	15. 80	82. 3
2	24	11. 28	20. 20	14. 40	12. 82	14. 64	73. 3
2	24	14. 20	22. 20	15. 17	12.96	15. 76	80. 2
5	15	12.76	21. 80	14. 20	11.66	13. 92	74. 3
2	24	10. 04	20. 04	15. 31	11. 50	12. 96	69. 8
2	24	12. 60	23. 48	16. 23	15. 04	15. 20	• 82. 5
2	24	14. 18	25. 44	17. 27	13. 08	15. 84	85. 8
2 2	24	12. 94 12. 30	21. 40	13. 16	10. 10	14. 92	72. 5
2	24 24	11. 38	21. 84 22. 16	15. 18 16. 72	12. 74 14. 14	15. 20 15. 40	77. 2
2	24	14. 16	24. 80	15. 57	13. 22	14. 96	79. 8 82. 7
2	24	13. 46	25. 40	15. 99	14. 08	15. 68	84. 6
2	24	12. 20	21. 32	14. 41	10. 80	15. 72	74. 4
2	24	12.82	21. 04	14. 11	11. 42	15, 92	75. 3
2	24	14. 52	23. 64	15. 87	13. 40	15. 52	82. 9
2	24	12. 30	20. 12	14. 39	10.90	15. 60	73. 3
2	24	12. 22	20. 64	13. 71	11. 20	15. 12	72.8
2	24	11. 66	22, 84	15. 21	13. 56	15.72	78. 9
2	24	11. 02	19. 64	15. 15	10.88	15. 64	72. 3
2	13	14. 64	26. 64	17. 26	14.48	15. 36	88. 3
2	24	10. 36	20. 96	15. 72	11. 96	15. 64	74.6
2	24	14. 28	27. 04	15. 80	13.84	15. 68	86. 6
2	24	10. 10	20. 68	13. 02	12.34	14. 32	70. 4
2	24	12.90	22. 12	15. 33	12.20	15. 44	77. 9
2	21	11. 52	22.08	13. 57	11. 16	15. 40	73.7
2	24	14.64	26, 44	14. 34	12.44	15.84	83.7
2 2	15	14. 38 13. 38	22. 92 24. 92	13. 51	10. 20	15. 76	76.7
2 2	24 24	11.40	21. 12	15. 59 16. 02	12. 50 12. 48	14.08	80. 4 76. 7
2 2	24 24	10. 96	20. 12	13. 46	12.48	15. 68 13. 92	69. 9
2	24	14. 22	24. 04	15. 36	13. 86	14. 80	82. 2
2 2	24	12, 00	23.72	14. 31	11. 38	15. 44	76. 8
2	24	12.60	20. 60	14. 01	11.94	13. 32	70. 6

			Lane.		
Order				Agea	t date of
of gen-				adn	nission
eral merit	Names	State from which	Date of ad-		
for aca-	Names	appointed	mission		
demic					
year				Years	Months
	5.1				1.10110110
160	Van Sickle, Edwin Rutherford	. Wyoming	July 20, 1923	20	3
132	Virden, Frank		Sept. 4, 1923	18	7
162	Voedisch, Frederic William		July 6, 1923	20	0
*33	Wagner, Richard		July 5, 1923	18	6
x 642	Wakeman, Calvin Edson			18	0
305	Walker, James Paul		July 6, 1922	20	0
425	Walker, Norman Eugene			18	11
86	Wall, Hubert Gordon			19	9
327	Walsh, David John		Aug. 9, 1923	18	3
194	Wanselow, Van Leo		July 20, 1923	18	10
188	Ward, Harry James		July 2, 1923	19	7
694	Waring, Edward Harleston, jr		Sept. 4,1923	20	3
464 522	Warren, Harry Lee		Sept. 24, 1923	19	1
	Waterman, John Randolph		July 20, 1923	18	2
551 564	Way, Julius Frederick Weigle, Claude Lee		July 11, 1923 July 3, 1923	19 20	1 0
103	Weintraub, Daniel Jacob		Aug. 8, 1923	19	7
223	Wells, Peter Katz		Aug. 17, 1923	18	5
605	Wheat, Jack Orville		July 3, 1923	18	6
441	White, David Charles		July 2, 1923	19	8
596	White, Edwin Herman		July 18, 1923	19	1
478	White, Harold Ralston		July 9, 1923	17	1
h670	White, John Timothy		do	18	5
137	White, John Wilfred		July 2, 1923	18	0
437	Whitman, Paul W	Colorado	Sept. 4, 1923	19	10
627	Wickhorst, Frank Henry		Aug. 13, 1923	18	5
203	Wickman, Clifford Lorraine	North Dakota	July 28, 1923	19	8
*47	Wight, Roy Ryan	Oklahoma	Sept. 5, 1923	19	7
i 705	Wiley, Wallace Eugene	Illinois	Sept. 4, 1923	19	5
268	Wilgus, Austin Stanley	Delaware	do	17	8
514	Wilkinson, Richard Powers, jr		July 3, 1923	18	6
700	Willcox, George Washington	Kentucky	July 10, 1923	18	3
645	Williamson, Charles Alexander	West Virginia	do	18	2
190	Williamson, Delbert Fred	Colorado	Aug. 23, 1923	19	3
533	Willis, James Sturgis	West Virginia	July 10, 1923	16	8
413	Winn, Walter Coulter	Arkansas	Aug. 15, 1923	18	0
543	Winternal Rehart Chalmana	Louisiana	July 17, 1923	17	2
144	Winters, Robert Chalmers	New York	July 3, 1923	17 18	9
330 598	Woelfel, John Carl	Indiana Massachusetts	July 5, 1923 July 10, 1923	18	5° 10
448	Wright, Henry Price, jr	Pennsylvania	Sept. 4, 1923	19	9
h 733	Wyatt, Joe Earle	South Carolina	do	17	8
565	Yeager, Howard Austin	Kansas	July 16, 1923	17	10
183	Young, David Bryan		July 5, 1923	20	2
207	Zahm, John Crawford.	At large	July 6, 1923	17	3
340	Zemmer, Harold Maurice	Kansas	July 3, 1923	19	6
508	Zern, Richard Dewey	Illinois	Aug. 1, 1923	18	7
*13	Zitzewitz, Herbert Carl.	do	July 10, 1923	17	7
37	Zollars, Allen Marshall	Pennsylvania	July 12, 1923	17	9
297	Zondorak, Charles Joseph	do	July 3, 1923	19	5
h 692	Zook, Hurley McCune	Missouri	July 9, 1923	17	10

first year of their academic course—761 members—June, 1924—Continued

Sea service in practice ships		Marine engineering and naval construction	Mathe- matics	English	Languages	Aptitude for the service	Aggregate first year
	_			Maxin	num		
Months	Days	16	32	20	16	16	100
2	24	13, 36	23. 88	14. 94	13. 88	15. 96	82. 0
2	24	12.30	24, 20	15. 99	14.86	15.64	82. 9
2	24	14. 56	25. 56	15. 64	12. 16	14.00	81. 9
2	24	15. 10	28. 16	14.66	14, 02	15. 28	87. 2
2	24	11.36	20. 68	13. 97	11. 16	15. 60	72. 7
5	15	13.60	24. 20	14. 97	11. 50	14.84	79. 1
2	24	11. 44	20. 12	15. 27	14.74	15.48	77. 0
8	24	14. 38	25. 88	15. 23	13. 92	15. 28	84.6
2	24	10. 78	22. 04	16. 56	13.80	15. 52	78. 7
2	24	14. 58	24. 16	15. 36	11. 26	16.00	81. 3
2	24	12. 34	24. 96	15.43	13. 10	15. 64	81. 4
2	24	11.72	20. 32	12.85	10. 44	15. 72	71. 0
2	24	13. 74	23. 12	14. 36	10. 24	14. 84	76. 3
2	24	12.66	21. 72	15. 05	11. 26	14.48	75. 1
2	24	11. 36	22, 48	13. 60	11. 94	15. 16	74. 5
2	24	12. 02	21. 76	13. 61	11.66	15. 24	74. 2
2	24	13. 08	25. 56	14. 83	15. 26	15.08	83.8
2	24	11.86	24. 32	16. 34	13. 50	14.64	80. 6
2	24	11. 20	20. 76	14. 97	11.64	14. 96	73. 5
2	24	13. 18	22. 04	14. 55	11. 06	15. 92	76. 7
2	24	14. 34	20. 92	13. 11	10.00	15.36	73. 73
2	24	11. 54	22, 28	14. 70	12.00	15. 56	76.08
2	24	12.08	20. 60	14. 48	9. 96	14. 96	72. 0
2	24	13. 30	25. 32	16. 15	13. 16	14. 80	82. 73
2	24	13. 58	21. 84	14.30	11.62	15. 48	76. 8
2	15	11.48	20.40	14. 33	11. 50	15. 48	73. 1
2	24	13. 88	26. 76	13. 63	12. 24	14. 60	81. 1
2	24	14. 20	25. 16	17. 04	14. 18	16. 00	86. 5
0	0	12. 50	18.32	13. 57	11. 20	15. 00	70. 5
2	24	13.82	26. 12	14. 12	11.34	14. 40	79. 8
2	24	12.38	19. 96	15. 83	12. 38	14. 80	75. 3
2	24	11. 16	20.08	13. 65	10. 22	15. 56	70. 67
2	13	11. 44	21. 16	13. 50	11. 50	15. 12	72. 73
2	15	14. 58	25. 04	14. 10	12. 52	15. 20	81. 4
2	24	12. 46	20. 52	13. 95	12.34	15. 68	74. 9
2	24	11. 66	24. 96	14. 94	10. 26	15. 44	77. 26
2	24	13. 10	20. 40	14. 40	11. 44	15. 36	74. 70
2	24	14. 58	24. 36	15. 07	13. 08	15. 44	82. 53
2	24	13. 84	22. 84	14. 24	12. 00	15. 72	78. 64
2	24	11. 20	20. 92	13. 81	13. 02	14. 76	73. 71
2	24	13. 12	22. 00	14. 48	11.06	15. 96	76. 62
0	0	10. 42	20. 56	13. 04	9. 50	15. 16	68. 68
2	24	12. 36	21. 40	14. 10	11. 44	14. 96	74. 26
2	24	13. 94	22. 96	15. 53	13. 16	15. 92	81. 51
2	24	12. 35	24. 64	16.33	12.80	14. 92	81. 05
2	24	13. 28	22. 16	15. 01	12.40	15. 64	78. 49
2	24	13. 30	21. 36	14. 52	10. 64	15. 64	75. 46
2	24	15. 50	30.00	15. 14	13. 02	15. 92	89. 58
2	24	14. 54	27. 60	15. 40	14. 38	15. 20	87. 12
2	24	13. 86	22. 40	15. 05	12. 28	15. 68	79. 27
0	0	11. 42	19.08	14. 18	10. 90	15. 84	71, 42

Midshipmen of the fourth class (class of 1928)—308 members

[Letters in italics used opposite names in the following list refer to footnotes at bottom of list only]

			Age dat admi	e of
Names	Appointed from—	Date of admission	Years	Months
Abernethy, John Robert tb	Mississippi	July 9, 1923	18	0
Ahroon, Thomas Andrew	Maryland	July 8, 1924	17	2
Aichel, Alfred Montague b	New Hampshire	Sept. 2, 1924	19	8
Alderman, John Clement	Oregon	June 16, 1924	17	11
Allbee, Hugh Richmond	Vermont	July 9, 1924	18	11
Anderson, Paul Ramseur	North Carolina	July 24, 1924	17	3
Ambruster, Stephen Henry	Missouri	June 16. 1924	19	. 6
Archer, Robert John	Washington	July 7, 1924	17	6
Armbrust, Carl Raymond	Arkansas	July 8, 1924	18	6
Ascherfeld, Theodore Frederick.	New Jersey	Aug. 8, 1924	18	9
Ashcraft, Thomas	Alabama	Aug. 30, 1924	17	1
Babbitt, Nathan Clark	New York	June 16, 1924	18	1
Bagdanovich, Michael Peter	New Hampshire	do	20	0
Ball, Norman Tower	Ohio	July 3, 1924	19	5
Ballance, Robert Green	Illinois	July 8, 1924	19	0
Banister, Alan Boyd	Oklahoma	June 30, 1924	19	5
Barnette, Stuart Moffett tb	Delaware	July 10, 1923	18	4-
Barrier, Paul Franklin	Kansas	June 16, 1924	18	2
Batterton, Boeker Charles b	Illinois	Sept. 2, 1924	20	3
Batterton, Richard Yates	Wyoming	do	19	10
Beall, Drewry Augustus b	Alabama	Sept. 2, 1924	19	1
Beasley, Miller	Texas	July 24, 1924	17	6
Belanger, Valbert Andre	Massachusetts	June 16, 1924	19	1
Bell, Lyman Herrick tb	Iowa	July 3, 1923	18	0
Berkman, Oliver Thurston	Pennsylvania	June 30, 1924	18	4
Beyerly, Irwin Forest	Ohio	do	19	0
Bierer, James Shadel	At large	June 16, 1924	16	8
Biggs, Frank Clay	Oklahoma	July 12, 1924	19	11
Binney, Arthur Fremont	Michigan	July 14, 1924	18	7
Black, Lex Leroy b	Pennsylvania	Sept. 2, 1924	20	0
Blackburn, Ben Frank	Kentucky	Aug. 29, 1924	18	10
Blackford, Chester Miles	West Virginia	July 24 1924	18	7
Blakely, Joseph William	Massachusetts	June 16, 1924	19	5
Bogvilo, Victor	Vermont	July 14 1924	17	8
Bole, John Archibald, jr	New Jersey	Aug. 21, 1924	18	5
Booth, Charles Edwin	Texas	Sept. 2, 1924	17	11
Booye, Charles	New Jersey	June 16, 1924	18	4
Boss, Carlos Ransom tb	Pennsylvania	July 3, 1923	18	5
Bowden, William Kendrick tb	Illinois	July 16, 1923	19	4
Bowers, John Treadwell, jr	Maryland	June 23, 1924	17	10
Bowley, Clarence Matheson	Massachusetts	Aug. 23, 1924	18	1
Boyd, John Moore b	Alabama	Sept. 2, 1924	19	8
Brennan, William Cyril	Wisconsin	July 8, 1924	19	8
Brett, James Henry, jr. tb	Georgia		17	9
Broadbent, Charles	New York	June 16, 1924	. 20	2

			Age dat admi	e at te of ssion
Names	Appointed from—	Date of admission	Years	Months
Brokaw, Wilford Harold, jr	Florida	July 1, 1924	18	5
Brown, Chesford	At large	Aug. 18, 1924	19	1
Brown, William Lee Lyons	Kentucky	June 23, 1924	17	11
Bruen, Cuthbert Joseph tb	Ohio	July 6, 1923	16	7
Burke, James Justin	Minnesota	July 29, 1924	17	10
Burke, Thomas DeLancev	New York	June 16, 1924	18	10:
Burrows, Albert Collins b	Oklahoma	Sept. 2, 1924	18	11
Burton, Eugene Paul	Missouri	July 7, 1924	18	7:
Burzynski, Raymond Oliver	Wisconsin	June 16, 1924	17	7.
Bush, Burl Heber	Pennsylvania	July 2, 1924	17	7
Bush, Harold Harrington	Maine	June 16, 1924	18	8:
Cain, Harold Francis tb	Montana	July 3, 1923	18	4
Campbell, Robert Shedden	Georgia	July 1, 1924	18	EL
Cardwell, Larry	District of Columbia.	Aug. 18, 1924	18	L
Carlson, Donald Edward	At large	June 18, 1924	18	11
Carpenter, Harlow Jesse		June 16, 1924	18	3
Carusi, Eugene Cassin		June 21, 1924	19	1
Charlton, Allan West	Pennsylvania	Aug. 4, 1924	19	4
Chew, Charles James		Aug. 6, 1924	18	4
Cockell, William Arthur b		Sept. 2, 1924	19	0
Clegg, Ernest Calvert	do	June 16, 1924	19	8
Coffman, Clovis Clyde	Texas	do	19	10
Coker, Carmon Pancho	Florida	July 9, 1924	20	0
Cole, Cecil Bundy	New York	Oct. 9, 1924	18	7
Cole, Reuben David b	Illinois	Sept. 2, 1924	19	3
Collins, George William	New York	July 14, 1924	18	0
Collis, John Leon tb	do	July 3, 1923	17	9
Connaughton, Clyde Augustine		June 16, 1924	19	1
Conway, Gordon Vernon	do	June 17, 1924	20	1
Cook, Carl Clinton	Arkansas	June 26, 1924	19	6.
Cook, Thomas Sutherland	Missouri	June 18, 1924	19	4
Corby, Albert Bruce	New York	June 16, 1924	18	11
Counts, James Palmer	Virginia	July 24, 1924	19	0.
Croft, Frank Cornelius tb	Iowa	July 2, 1923	19	11
Curtin, Neale Roland	Pennsylvania	June 23 1924	17	9.
Davis, DeWitt, 3d	Michigan	June 16, 1924	18	0.
Denzer, Edward Earle	Massachusetts	July 28, 1924	20	0
Dexter, Edwin Boardman	Ohio	Sept. 4, 1924	17	11
Dodge, Wilson Thomas	Michigan	Aug. 14, 1924	19	10.
Donovan, Thomas Alton	Connecticut	July 8, 1924	19	7
Doss, Raymond Oneil	Oklahoma	June 30, 1924	17	9.
Dresbach, Burton Wilbur	Ohio	July 7, 1924	19	10
Easton, William Thomas	California	July 29, 1924	19	2
Edgington, John Richard	Pennsylvania	Sept. 16, 1924	18	5

Midshipmen of the fourth class (class of 1928)—308 members—Continued

			Ag dat adm	e at te of ission
Names	Appointed from—	Date of admission	Years	Months
Ensminger, Raymond Hyson	Pennsylvania	Sept. 27, 1924	19	. 4
Ennis, Thomas Gates	Connecticut	June 18, 1924	19	11
Enright, George Patrick	New York	June_16, 1924	18	6
Erickson, Walter LeRoy b	Pennsylvania	Sept. 2, 1924	19	5
Estey, Augustus Ward	New York	June 16, 1924	16	11
Ettlinger, William DeRoy	do	do	18	4
Eversole, Carl Fairbanks b	Kentucky	Sept. 2, 1924	19	11
Eves, Edward Thomas b	Louisiana	do	18	8
Fay, Albert James	Maine	June 16, 1924	19	2
Fickling, Evan Edwards	South Carolina	July 28, 1924	19	4
Finnegan, Joseph	Massachusetts	July 8, 1924	18	11
Fitzmaurice, Eugene William b	North Dakota	Sept. 2, 1924	18	5
Flaherty, Michael Francis Don-	Massachusetts	July 14, 1924	19	7
ald.		. ,		
Flanders, Malcolm Brooks	Vermont	July 7, 1924	17	5
Ford, William Grimshaw b	Idaho	Sept. 2, 1924	18	4
Freiburghouse, Leonard Fred-	Kansas	Aug. 15, 1924	19	4
erick.		J ,		
Fritschmann, George	New York	June 23, 1924	18	7
Furber Robert Montgomery	Minnesota	do	17	9
Futhey, Samuel Floyd	Mississippi	July 2, 1924	19	6
Gallery, Philip Daly	Illinois	July 23, 1924	16	9
Gardner, Nelson Clemens	New York	June 16, 1924	19	5
Garton, Norman Farquhar tb	Pennsylvania	July 6, 1923	16	10
Gerin, Marcel Raymond	Minnesota	June 16, 1924	17	10
Gleason, Randolph Edward	Virginia	do	19	9
Goodwin, Paul Harold	Oregon	July 8, 1924	20	1
Gordon, Donald Stuart tb	Indiana	July 20, 1923	20	3
Gray, Walter Newel	California	July 11, 1924	19	1
Grimmett, Homer Delaine	Oklahoma	July 28, 1924	17	3
Hale, Charles Mansel	Ohio	July 3, 1924	19	11
Hamilton, Weldon Lee	Rhode Island	July 12, 1924	17	7
Hanby, John Estes b	Alabama	Sept. 2, 1924	19	2
Hannegan, Edward Allen	Wisconsin	July 8, 1924	18	7
Hardenbergh, Raymond Waite,	At large	June 17, 1924	18	8
jr.				
Harker, Henry Gordon	Colorado	July 14, 1924	18	6
Harrington, Maurice J	Michigan	July 26, 1924	19	7
Harris, Claude Melvin	West Virginia	June 16, 1924	18	9
Hasbrouck, Preston tb	New York	July 7, 1923	17	5
Hastings, Wilfred Joseph	Massachusetts	June 18, 1924	19	4
Hawk, Earle Clifford	New York	July 14, 1924	19	3
Heil, John Joseph	At large	June 20, 1924	19	2
Herald, Arthur James	Connecticut	June 18, 1924	19	10

	*		dat	e at e of ission
Names	Appointed from—	Date of admission	Years	Months
Hewett, Lindell Harris tb	Kansas	Aug. 17, 1923	18	7
Hodges, Willard Atlee b	Alabama	Sept. 2, 1924	18	11
Holder, Oren Spencer b	Virginia	Sept. 6, 1924	18	9
Holland, Harry Morgan	Texas	June 16, 1924	19	4
Hornby, Cedric Cornwall	Nebraska	July 7, 1924	18	8
Hossfeld, Raymond Frederick	New York	July 21, 1924	19	9
Howard, William Eager, jr	Wisconsin	June 16, 1924	18	0
Hubbard, Robert Lee, jr. tb	Tennessee	July 2, 1923	20	0
Huff, Charles Peabody, jr	California	Aug. 15, 1924	18	11
Huff, George Kleineberg	California	Aug. 15, 1924	18	11
Ingham, William Frink, jr	New York	July 7, 1924	19	8
Ingles, Paul tb-r	Virginia	Aug. 20, 1923	17	3
Inscoe, Garland Medicus tb	North Carolina	July 11, 1923	18	11
Irwin, Vincent Glendon	At large	June 16, 1924	19	2
Jackson, William Crawford tb	Oklahoma	July 10, 1923	18	7
Jacobsen, William Horton	Minnesota	July 1, 1924	17	5
Jacobson, Harry Samuel b	New Mexico	Sept. 2, 1924	17	10
James, Ralph Kirk	Illinois_1	June 16, 1924	18	1
Janney, Samuel Abijah	Virginia	June 27, 1924	17	7
Jewett, James Quentin	New York	June 18, 1924	20	0
Johnson, Milton George	Arizona	June 16, 1924	18	4
Jones, Horace Brenemen	Kentucky	July 8, 1924	19	3
Jones, Thomas Wallace b	Pennsylvania	Sept. 2, 1924	18	8
Jordan, François Charles Blesbois	New York	July 16, 1924	17	8
Keith, Robert Taylor Scott tb	Virginia	July 6, 1923	18	2
Keller, Harry Clayton	California	Aug. 8, 1924	20	1
Kendall, Charles Hansford	Wisconsin	June 17, 1924	19	11
Kennedy, William Dewitt tb	Louisiana	July 9, 1923	16 -	5
Kent, John tb	Pennsylvania	July 20, 1923	19	10
Kent, Omer James	Washington	Aug. 25, 1924	19	0
Kerst, Paul Edward	Illinois	July 31, 1924	20	1
Kibler, Henry Leon	Indiana	July 8, 1924	17	11
King, George Edward	Illinois	Aug. 15, 1924	20	4
King, Jesse Lenore b	Alabama	Sept. 5, 1924	20	2
Kirchoff, William Frederick	Arkansas	June 16, 1924	19	6
Klein, Erle Lyle	Ohio	June 24, 1924	19	4
Kling, Charles William, jr. b	Alabama	Sept. 2, 1924	18	7.
Kluegel, John Van Rensselaer tb_	California	July 10, 1923	18	0
Koepel, Edward Harry	Michigan	July 14, 1924	16	11
Landen, William James	Massachusetts	Aug. 20, 1924	19	6
Leary, Alexander McIntyre, jr	Louisiana	June 16, 1924	18	4
Lee, James Richard	Virginia	do	18	7
Leggett, Julian Howard	North Carolina	July 1, 1924	18	7
Lewis, William Dean	Ohio	July 2, 1924	18	0
Lindgren, Carl Albin Rudolph	Minnesota	July 16, 1924	19	9

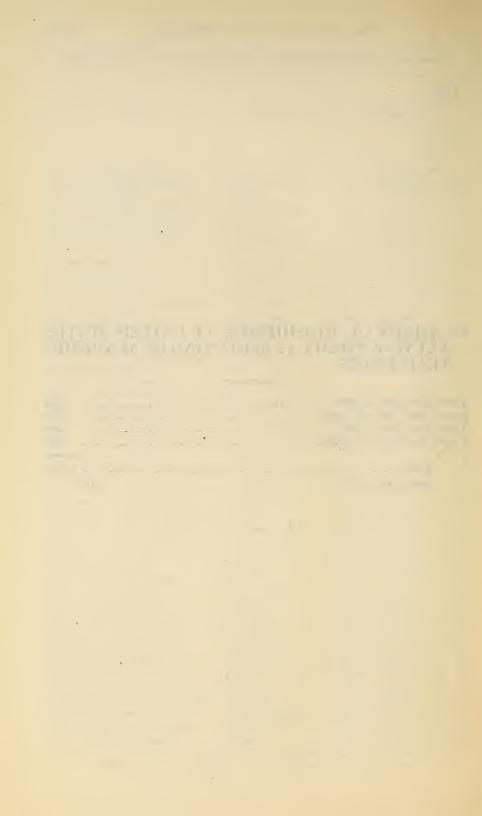
			Age dat admi	e at e of ssion
Names .	Appointed from—	Date of admission	Years	Months
Logsdon, De Earl Monroe	Indiana	July 1, 1924	19	9
Lovelace, Donald Alexander.	North Carolina	July 7, 1924	18	1
Lowe, William Wallace	West Virginia	June 24, 1924	17	6
Lull, Edward Earle	Illinois	July 3, 1924	18	7
Madsen, Elwood Christian	Utah	July 7, 1924	17	10
Manees, Edward Oslin tb	Arkansas	July 2, 1923	18	8
Marchant, William Alexander	New York	June 24, 1924	19	11
Mayfield, James Horace	North Carolina	June 16, 1924	18	0
McCormick, Harold Arthur	Kansas	July 7, 1924	18	6
McCue, John Kenneth	Pennsylvania	Aug. 2, 1924	19	2
McDonald, David Lamar	Georgia	July 7, 1924	17	10
McKee, Edwin Dinwiddie	New Hampshire	July 14, 1924	17	9
McLeod, William Henry, jr	Florida	Aug. 13, 1924	19	2
McManemin, John Collin	New Jersey	June 16, 1924	19	* 4
Merson, Maurice Martin	Virginia	do	17	10
Millican, William John	Connecticut	June 17, 1924	20	2
Mitchell, Charles Bruce	Texas	Sept. 2, 1924	18	11
Moffett, George Hall	At large	June 16, 1924	17	4
Momm, Albert Otto	Illinois		19	3
Moore, Frederick Evans	Pennsylvania	July 23, 1924	20	0
Morris, Robert Lee	At large	June 16, 1924	16	10
Mullaney, Baron Joseph	Massachusetts	June 17, 1924	18	10
Mullen, John Felix, jr	Alabama	June 30, 1924	17	10
Nash, Nic, jr. b	Oklahoma	Sept. 2, 1924	19	9
Nelson, Hugo Adolphus	Kansas	Aug. 19, 1924	18	6
Nelson, John Frederick	do	June 30, 1924	17	5
Nichols, Frank McDougal	Tennessee	Aug. 15, 1924	18	7
Nieman, Hugh Roberts, jr	Wisconsin	July 7, 1924	17	7
Norgaard, Rollo Niel	South Dakota	July 12, 1924	19	10
Orf, Harold George tb	Pennsylvania	July 27, 1923	17	8
Otis, Maurice Lowell tb	Wisconsin	July 12, 1923	19	1
Otterson, Oscar Lincoln	Pennsylvania	July 8, 1924	18	10
Parmelee, Perry Ormiston	Michigan	June 16, 1924	19	8
Pattie, Barton Duvall	Virginia	do	18	0
Peden, Robert Carl	Arkansas	July 7, 1924	18	10
Perrine, Pierre Clyde tb	Indiana	July 12, 1923	18	7
Peterson, James Shadle tb	South Dakota	July 3, 1923	19	3
Pettingill, Richard Flavius	Maine	July 7, 1924	19	4
Phillips, Charles Frederick	Indiana	Aug. 18, 1924	19	3
Pierce, John Reeves	At large	June 16, 1924	17	7
Plant, James Calvin	Wisconsin	July 14, 1924	19	5
Pollock, Ernest Edwin	Ohio	June 17, 1924	19	11
Pope, Earl Hallett	At large	June 18, 1924	17	1
Popp, Charles	Indiana	· ·	18	8
Pye, William Satterlee, jr	At large	June 18, 1924	16	5

Quilter, Joseph Francis New York July 14, 1924 17 Quinn, John Texas June 18, 1924 20 Raborn, William Francis, jr., b Oklahoma Sept. 2, 1924 19 Radom, Matthew tb Connecticut July 14, 1923 17 Ramsay, Francis Munroe At large June 16, 1924 20 Ransford, Howard Franklin Ilowa June 27, 1924 18 Renard, Jack Clayton tb Illinois July 23, 1923 17 Rice, James Mitchell tb West Virginia July 10, 1923 17 Rice, James Mitchell tb West Virginia July 10, 1923 17 Richardson, Ralph William Pennsylvania June 17, 1924 19 Richardson, Ralph William Pennsylvania June 16, 1924 19 Rittenhouse, Basil Norris, jr At large do 19 Rice, James Mitchell tb Wisconsin June 16, 1924 19 Rakth, gr Wisconsin June 16, 1924 19 Rice, James Basil Norris, jr At large July 8, 1924 19					
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Quast, Harry Carleton, jr. tb Wisconsin July 6, 1923 19 Quilter, Joseph Francis New York July 14, 1924 17 Quinn, John Texas June 18, 1924 20 Raborn, William Francis, jr., b Oklahoma Sept. 2, 1924 19 Radom, Matthew tb Connecticut July 14, 1923 17 Ramsay, Francis Munroe At large June 16, 1924 20 Ransford, Howard Franklin Iowa June 17, 1924 18 Renard, Jack Clayton tb Illinois July 23, 1923 17 Respolds, Roy Roscoe Georgia June 17, 1924 18 Rice, James Mitchell tb West Virginia July 10, 1923 17 Richardson, Ralph William Pennsylvania June 18, 1924 19 Riggs, J. Clark, jr Michigan June 18, 1924 19 Rittenhouse, Basil Norris, jr At large do 19 Roberts, Thomas Carroll, jr Wisconsin June 16, 1924 19 Sands, Lester Bruton Arizona June 16, 1924 19 <td></td> <td></td> <td></td> <td>Z.</td> <td>ıth</td>				Z.	ıth
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Strange, Robert Orris b Kentucky Sept. 2, 1924 18 Stringer, Guy Warren Kansas Aug. 2, 1924 18 Tackney, Stephen Noel New York June 16, 1924 18 Taliaferro, Henry Beckwith Virginia do 19 1 Taylor, Donald Alexander Pennsylvania June 19, 1924 19			June 16, 1924	19	3
Strange, Robert Orris b Kentucky Sept. 2, 1924 18 18 Stringer, Guy Warren Kansas Aug. 2, 1924 18 18 Tackney, Stephen Noel New York June 16, 1924 18 18 Taliaferro, Henry Beckwith Virginia do	Stovall, James Edwin	Georgia	do	20	0
Stringer, Guy Warren Kansas Aug. 2, 1924 18 Tackney, Stephen Noel New York June 16, 1924 18 Taliaferro, Henry Beckwith Virginia do 19 1 Taylor, Donald Alexander Pennsylvania June 19, 1924 19 19		Kentucky	Sept. 2, 1924	18	8
Tackney, Stephen Noel New York June 16, 1924 18 Taliaferro, Henry Beckwith Virginia do 19 1 Taylor, Donald Alexander Pennsylvania June 19, 1924 19			Aug. 2, 1924	18	7
Taliaferro, Henry Beckwith Virginia do 19 1 Taylor, Donald Alexander Pennsylvania June 19, 1924 19			June 16, 1924	18	4
Taylor, Donald Alexander Pennsylvania June 19, 1924 19	Taliaferro, Henry Beckwith	Virginia		19	11
	Taylor, Donald Alexander	Pennsylvania	June 19, 1924	19	5
Laylor, Hendrick Official New Jersey Lagrange Sept. 2, 1924 19	Taylor, Kendrick b	New Jersey	Sept. 2, 1924	19	1

			Ag dat admi	e at e of ission
Names	Appointed from—	Date of admission	Years	Months
Taylor, William Allen	West Virginia	July 16, 1924	18	2
Thompson, Frank Klebart	Massachusetts	June 16, 1924	17	10
Thompson, Wells	Oregon	Sept. 6, 1924	17	.5
Timmerman, Dixon Padgett b	South Carolina	Sept. 2, 1924	19	5
Todd, David Wooster, jr. tb	At large	July 6, 1923	18	11
Torok, Tibor Theodore	Pennsylvania	July 24, 1924	18	8
Treanor, Vincent de Paul, jr	New York	June 16, 1924	19	6
Trese, Joseph Condon b	Michigan	Sept. 2, 1924	20	3
Underhill, Jesse Johnson	Massachusetts	June 16, 1924	19	4
Urquhart, John Goode	Virginia	do	17	9
Van Antwerp, Townsend Scudder	New York	June 18, 1924	18	10
Van Meter, Robert	Oklahoma	June 30, 1924	17	5
Wade, Willard Gilbert	Colorado	Aug. 5, 1924	18	7
Wagner, Daniel Jacob	Illinois	July 15, 1924	17	2
Wakefield, Franklin Webster, jr	Indiana	July 8, 1924	19	3
Wakeman, Philip Fisk	New York	June 16, 1924	18	0
Walden, Albert Joseph	California	do	19	4
Walden, Arthur St. Clair	Ohio	do	19	6
Walker, Hiram Street, jr	Alabama	July 3, 1924	20	0
Walsh, William Mason	Pennsylvania	Aug. 22, 1924	18	8
Watts, Charles Robert	Ohio	June 30, 1924	17	11
Wear, John Montgomery	Texas	July 7, 1924	18	8
Weir, Kenneth Herbert	New York	June 17, 1924	19	3
White, John Timothy $tb_{}$	do	July 9, 1923	18	5
White, Luke Edward	Connecticut	June 19, 1924	17	5
Whitney, Donald Gillespie	Nebraska	July 25, 1924	18	0
Whittington, Harry Braden	Illinois	Aug. 13, 1924	16	9
Wiedemann, Francis Joseph tb	Massachusetts	July 11, 1923	19	4
Wilkinson, Robert Holden	Florida	July 8, 1924	19	7
Williams, John Alton	Connecticut	Aug. 4, 1924	19	2
Wine, Chester Cecil	Texas	June 17, 1924	19	11
Winford, Henry Shatard	Tennessee	July 21, 1924	19	4
Winn, Edwin Knapp	Wisconsin	Aug. 15, 1924	18	2
Wood, George Donald	Illinois	Aug. 13, 1924	19	0
Wood, Milton Chubbuck b	Michigan	Sept. 2, 1924	19	1
Wood, Robert Winthrop	At large	June 18, 1924	18	11
Woodward, John Reid	Tennessee	June 17, 1924	18	10
Wotton, Albert Harry	Illinois	June 24, 1924	19	10
Wyatt, Joe Earle tb	South Carolina	Sept. 4, 1923	17	8
Yeager, William Cornelius b	Texas	Sept. 4, 1924	19	0
Young, Edwin James Stephens	At large	July 17, 1924	18	6
Zabilsky, John	Rhode Island	July 2, 1924	19	0
Zimmerman, Ronald Buxton	Michigan	June 26, 1924	19	2
Zook, Hurley McCune tb	Missouri	July 9, 1923	17	10

SUMMARY OF MIDSHIPMEN AT UNITED STATES NAVAL ACADEMY AT BEGINNING OF ACADEMIC YEAR 1924–25

First class (class of 1925)	462
Second class (class of 1926)	502
Third class (class of 1927)	
Fourth class (class of 1928)	308
Total	1, 976
2393—24 1 ——10	3



APPOINTMENTS, DEATHS, RESIGNATIONS, ETC.

October 1, 1923, to 1 October, 1924

Members of the class of 1924 (graduated June 4, 1924) appointed ensigns [Arranged in order of merit for the completed course. Read first column, then second, etc.]

Morgan, A. M. Hatcher, R. S. Richards, W. L. Clexton, E. W. Duke, I. T. Hedding. T. J. Wood, C. C. Dartsch, F. A. L. Dockweiler, E. V. Cochran, W. P., jr. Kraft, W. E. Scheibeler, J. J. Woodyard, E. L. Ekstrom, C. E. Elliott, A. B. Harrison, H. H. Fisher, W. G. Hayes, J. A. Cunningham, E. A. Rose, R. E., jr. Gregor, O. F. Herring, L. R. Wilkins, C. W. Rook, E. C. Campbell, R. L., jr. Hogg, J. T. Reese, C. B. Mansfield, W. N. Towner, G. C. Hickey, W. A. Bearce, H. P. Sisson, T. U., jr. Wilson, R. E. Nuesse, L. W. Dyer, T. H. Napier, T. D. Lamberth, H. R. Sawyer, M. A. Fairbairn, D. W. Bachman, L. A. Cole, W. M. Simmons, W. F. Eckberg, W. T.

Tracy, O. V.

Fines, C. A.

Rawlins, E. W. Smith, J. W. Yeomans, E. E. Crowe, E. F. Waid, R. T. Berthold, E. E. Michelt, W. G. Grandfield, F. J. Beakley, W. M. Hopping, H. L. Bradley, M. M. Garvin, J. H. Rice, L. K. Barchet, S. G. Tammany, W. P. Cutler, S. Y. Freels, A. J. Hooper, A. M. France, W. C. Arison, R. E. Mathews, B. O. McLean, E. R., jr. Penny, R. J. Playter, R. E. Vieweg, W. V. R. Carlson, R. P. ¹ Price, C. H. Stout, R. F. Hyman, W. M. Carroll, R. C. Austin, B. L. Strohecker, F. A. Wright, J. M. P. Handly, A. Ellis, N. W. Baldwin, J. A. Shannon, J. T. Wolowsky, J. E. Pahl, J. R. Bryant, P. K. Kent, H. G. Longfellow, W. J. Patterson, G. W., jr. Bennett, D. B. Callaghan, J. A.

Lovejoy, J. D. Collins, H. L. Laidlaw, J. S. Hill, S. W. Hurst, A. M. Brand, J. W. C. Davis, W. V., jr. Opie, J. N., 3d. Ellis, E. M. Vosseller, A. B. Mitchell, W. J. Browning, L. LeW. Ruhsenberger, J. R. Wheeler, H. B. Addoms, J. F. Keyer, R. A., jr. Stoddard, G. M. Howard, H. P., jr. Tiemroth, H. H. Gouin, M. E. A. Stephens, E. W. McLean, D. F. Robillard, G. N. Fish, H. C. Bolton, A. J. Kennaday, J. M. Hartman, F. C., jr. Boltz, P. McC. Drexler, H. C. Templeton, T. H. Wilkinson, E. R. Short, W. B. Bednar, A. Perry, R. E. MacLean, S. K. Brown, W. D. Howland, G. F. Graf, P. Wilkin, W. D. Bass, A. W. Cameron, D. A. Gamet, W. N. Weir, A. Vos, R. A. Abdill, E. W.

¹ Commission withheld pending recovery from illness.

Weaver, P. L. F. Cleaves, W. E. Shultz, T. J. Krook, A. T! Layton, E. T. Young, E. W. Phillips, R. D. Turner, T. A., jr. Sutliff, R. C. Oswald, A. H. Furth, F. R. Baillie, R. V. Roberts, N. K. Swart, R. L., jr. Ogle, G. B. Layne, F. C. Burchett, E. C. Stott, G. W. Huckins, T. A. Sinclair, G. A. Harris, D. Dascomb, E. B. Phelps, W. Earl, K. Ricketts, J. B., jr. Hayter, H. M. Siegrist, P. W. Herrington, L. B., jr. Marsh, J. A. Calvert, A. P. Siegrist, W. W. Blaylock, LeR. B. Latimer, S. E. Miller, H. B. Stone, W. P. Bunker, F. R. Roane, V. R. Bailey, W. B. Daniel, H. C. Burroughs, S. E., jr. Hyde, J. D. Whitehead, E. W. Tichenor, M. J. Mellon, W. L. Thew, J. P. Cromwell, J. P. McCallum, D. J. Page, H. G. Close, F. Baldwin, H. W. Ballinger, H. R. MacDonald, F. W. Dugan, H. J. Sullivan, J. E.

Sall, H. Legg, C. A. Gates, H. K. Oden, S. F. Kirkland, T. J., jr. Teller, M. S. Dantzler, T. T. Minter, R. O. Adair, C. Quinn, B. D. Bedford, S. R. Evans, G. W., jr. Hayes, J. D. Sanford, J. R., jr. Schreiner, M. Tonkin, C. T., jr. Smith, H. P. Leach, W. D., jr. Magly, A. V. Lockhart, R. G. Palmer, E. A., jr. Ragan, T. C. Mercer, P. V. Goldthwaite, R. Roths, M. H. Esmond, R. W. Reith, G., jr. Cabanillas, J. M. Cullen, C. E. Warburton, A. L. Rucker, C. G. Williams, J. B. Dancy, J. R. Adams, R. McC. B. Carr, R. S. Brereton, W. H. Harvey, W. W. Wight, D. D. Johnson, L. W. Demarest, H. R. Hook, F. M. Hoffman, C. M. E. Weeden, W. W., jr. Bailey, S. M. Parker, E. C. Williams, R. D. Watts, E. Sharp, L. D., jr. McPeake, L. J. Jones, H. A. Duvall, W. H. Verge, W. E. Armor, H. Day, D. T., jr.

Harris, J. C. Heine, M. C. Ramsey, D. J. Richter, H. E. Gminder, E. E. Deam, F. E. Thompson, A. L. ¹ Horsch, A. C. Bourke, R. J., jr. Creehan, E. P. Callaway, C. H. Hopkins, H. V. Sheldon, H. P. Phillips, N. Burris, H. Webb, R. C., jr. Dahlgren, J. F. Marshall, T. C. Lajeunesse, R. W. Graesser, W. M. Lillard, J. S. Barnes, A. D. Holbrook, J. A. Thompson, W. B. Moss, R. S. McCaleb, W. R. McFadden, A. G. W. Taylor, J. I., jr. Southworth, H. B. Montgomery, G. C. Johnson, J. F. Fraser, T. E. Cameron, T. S. Bellerby, R. J. Ganahl, R. G. Oexle, C. W. Taylor, E. J., jr. Collins, D. H. Petersen, W. F. Linholm, A. R. McDonald, C. C. Savre, R. E. Kline, A. R. Deutermann, W. V. Gore, T., jr. Hawkinson, L. H. Robinson, H. R. Thomas, L. H. Neale, E. T. Folger, C. H. F. Nunn, I. H. Ostertag, W. R. Roedel, L. Seay, E. A.

¹ Commission withheld pending recovery from illness.

Fowler, J. W. Hyatt, J. K. Morrill, J. H. Kearns, M. I. McIntosh, J. H. Shanklin, E. W. McKee, I. C. Perkins, A. N. Sylvester, H. MacT. McLean, H. B. Spahn, J. E. Carroll, C. E. Young, R. C., jr. Gwinn, L. H. Witmer, E. L. Hogle, J. B. Rooney, J. B. Bell, F. J. Hunter, E. N. W. Ball, F. H. Evans, W. A., jr. Brydon, G. MacL., jr. Davis, F. R. McDonald, C. E. Hays, W. S. Heddens, F. M. Stormes, M. C. Johnson, R. F-J., jr. Cross, C. B., jr. Harmon, A. B. Francis, D. L. Holtzclaw, J. S.

Ritchie, T. C. Erdmann, W. L. Nesser, C. J. Lankenau, W. E. Dunn, P. H. H. Sweeney, J. M. Waldron, J. C. Ilsemann, F. J. Townsend, A. M. Topper, J. R. Waller, R. R. Griese, A. A. Frank, L. P. Peterson, G. Edmund. Baron, R. S. Winslow, C. McR., jr. Irish, E. W. Doggett, B. L. McDaniel, R. T. Ericsson, H. M. Hall, H. W. Kissam, G. D. Coley, L. E. Daniel, J. C. Woodward, J. J. Adams, J. W., jr. Read, H. T. Bertschy, R. S. Randolph, A. K. Kelly, S. G. Ball, T. J., jr. Martin, H. J. King, G. C. Leslie, H. K. Edgar, H. B. Domer, W. S. McDowell, N. L. Winecoff, C. L. Stuart, C. J.

Colt, S. B., jr. Zelenka, B. T. Nichol, B. B. Doan, H. C. Dey, W. C. Seaward, E. T. Williams, S. A. Warren, J. T. DeWolf, M. M. Shively, J. C. Moore, E. McF. Rhea, F. L. Quale, A. M. Gardner, F. H. Cooke, J. F. Landstreet, J. C. Gallagher, E. F. Worthington, J. M. Baldwin, R. V. Granbery, G. McR. Bush, S. E. Hubbard, C. N. Dickie, A. B. King, S. Clark, R. W. Rutt, B. L. Lee, C. L. Johnson, R. H. G. Peterson, G. Edward. McLaughlin, A. E. Flynn, J. M. Abrahams, N. W. Larson, R.-W. Southerland, T. C. Kanakanui, W. A. Engeman, J. T., jr. Wood, A. C. Linthicum, T. C. McDonough, J. F. Murphy, E. M. Mills, R. E.

Appointed second lieutenants in Marine Corps

Replinger, C. F. Becker, H. P. Hunt, A. T. Purple, W. C. Bare, R. O. Smith, P. K. Shiebler, P. A. Dalton, L. W. Rhamstine, J. R.

Bock, B. N.

Goodall, H. W.

Buxton, J. W.

Edwards, L. B.

Floed, H. C.

Keliher, R. H.

Hartwig, G. R.

Ferriter, C. A.

Temple, H. B.

Fike, C. L.
Bliesener, A. G.
Blanchard, T.
Steenberg, G. H.
Willis, D. G.
Bellinger, G. H., jr.
Fletcher, F. M.
Anderson, R. A.
Cresswell, C. F.

Farrell, J. A., jr.

Leverett, A. B.

Stuart, W. J. French, W. H. McAfee, R. D. Stevens, H. P., jr. Hudnall, J. H. N. Meints, C. G. Sessions, F. E., jr.

Appointed ensigns in Supply Corps

Beatty, C. E. Randolph, A. P. Norcross, M. A. Davies, J. T. Herlihy, J. L. Hake, G. E. Wymond, J. E. Patten, W. L.

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Name and class	Date resigned
Abel, Archibald "D," class of 1926	Feb. 16, 1924
Aichel, Alfred Montague, class of 1926 b	Do.
Aiken, Hugh Fraser, class of 1927	Do.
Alderman, Clifford Lindsey, class of 1924	June 4, 1924
Allen, John Louis, class of 1924	Do.
Amundson, John Arthur, class of 1925	Sept. 13, 1923
Armstrong, Wade Herbert, class of 1927	June 4, 1924
Ashton, Robert Kyle, class of 1926	
Atwood, Horace Bailey, class of 1927	Feb. 16, 1924
Aubrey, William Gerald, class of 1927	Do.
Auerbach, Edwin Harvey, class of 1924	June 4, 1924
Aulsbury, Charles William Clark, class of 1927	Jan. 21, 1924
Axtell, Alan Wylie, class of 1924	
Ball, James Andrew, jr., class of 1927	
Barnard, Ulysses Grant, class of 1927	
Barry, Dighton, class of 1926	
Batterton, Boeker Charles, class of 1927 b	
Beall, Drewry Augustus, class of 1927 b	
Beaty, Raymond Pope, class of 1927	
Beem, Martin Custer, jr., class of 1927	
Beiser, Clarence Ralf, class of 1925	
Bennett, James Richard, class of 1927	
Bentley, Osceola Marbury, class of 1927	
Benton, Herbert Peyton, jr., class of 1924	
Berliner, Sylvan, class of 1924	
Betters, Paul Vernon, class of 1927	
Biggs, Frederick DeMont, class of 1925	
Birmingham, William, class of 1925	
Black, Lex Leroy, class of 1927 b	
Black, Raymond Archie, class of 1927	
Blough, Arthur Koontz, class of 1924	
Blurton, Clarence Harry, class of 1925	
Boaz, Richard Murray, class of 1927	
Bogert, William George, jr., class of 1927	
Bond, Bernard Batson, class of 1926	
Borgen, Kenneth Royal, class of 1924	
Bradbury, Wendell Merlin, class of 1925	
Bradford, Carl Jewel, class of 1927	
Bradshaw, Joseph Daniel, class of 1927	
Bradshaw, Joseph Thomas, class of 1927	
Brady, John Wilbur, class of 1924	
Brady, William Marcy, class of 1927	
Breslin, James Gordon, class of 1927	
Brittain, Milton Claude, class of 1925	
Broda, Donald Frank, class of 1924	
Brodhead, William McNulty, class of 1927	
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Name and class	Date resigned
Brooks, Lew Wallace, class of 1926	
Brown, Fred Bartholomew, class of 1926	
Brumfield, James Sidney, class of 1927	
Bullis, William Francis, class of 1924	
Burns, Howard Thompson, class of 1927	
Burrows, Albert Collins, class of 1927 b	
Caldwell, William Ashford, class of 1924	
Calhoun, Allston DuPre, jr., class of 1924	
Campbell, William Simpson, class of 1927	
Caples, John Richard, class of 1924	
Carmichael, Delos Dorrington, class of 1927	
Carney, Arthur Gerald, class of 1924	
Carney, Kenneth Bostwick, class of 1926	Feb. 16, 1924
Carpenter, David Newcomb, class of 1925	
Cerny, Clyde Augustine, class of 1927	
Clark, William Stewart, class of 1926	
Clausen, Albert Julius, class of 1924	
Clem, Clarence Keyer, class of 1927	
Cochran, Howard Thomas, class of 1927	
Colburn, Richard Castle, class of 1924	
Cole, Reuben David, class of 1927b	
Coleman, Vance Sherwood, class of 1926	
Colyer, Leigh, jr., class of 1926	
Connor, Robert Lowell, class of 1927	
Cooke, John Cortelyou, class of 1926	Feb. 2, 1924
Cooper, Glen Walter, class of 1927	Feb. 6, 1924
Cornwell, Robert Wendell, class of 1926	Nov. 22, 1923
Couch, Malcolm Graham, class of 1927	
Craig, Malin, jr., class of 1924	
Cramer, Wilson Earl, class of 1924	
Darlington, John Joseph, class of 1924	
Day, Leonard William, class of 1924	
Denham, Thomas Gayle, class of 1927	
Derrick, George William, jr., class of 1927	
Devens, William George, class of 1924	June 4, 1924
Dickinson, Beverly William, class of 1926	
Douville, Kenneth Boyden, class of 1927	
Downs, Harry Alfred, class of 1923	
Dumire, Ralph Freeman, class of 1927	
Dunn, James Anthony, class of 1926	
Durham, Albus, class of 1927	
Durrett, Marcus, class of 1927	Feb. 16, 1924
	Do.
Elliott, Charles Pinckney, jr., class of 1926————————————————————————————————————	Do.
Ennis, Francis Willard, class of 1927	
Erickson, Walter LeRoy, class of 1927 b-	
Estes, Homer T, class of 1927	
Evans, Chesley McAllister, class of 1924	Do.
Eversole, Carl Fairbanks, class of 1927 b	
Eves, Edward Thomas, class of 1926 b	
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Name and class	Date resigned
Evitt, Samuel Lee, class of 1927	Dec. 11, 1923
Falge, Francis Marion, class of 1924	
Falk, Henry Amos, class of 1927	,
Farnsworth, John Gosman, class of 1926	
Farrell, Edwin Thomas, class of 1926	June 4 1924
Farrington, Ferris Reeve, class of 1926	
Feldman, Allan Lee, class of 1927	
Ferguson, James William, jr., class of 1924	
Fitzmaurice, Eugene William, class of 1927 b	
Flaherty, Edward Short, class of 1926	
Fogg, Gilman Worcester, class of 1926	
Ford, William Grimshaw, class of 1927 b	
Foss, Walter Irving, jr., class of 1925	
Fowler, Edward Henry, class of 1927	
French, Forrest James, class of 1924	
Furtney, George William, class of 1927	
Galbraith, William Jackson, class of 1927	
Garcia, Henry Frederick, class of 1924	
Garst, James Franklin, class of 1927	
Gebhart, Thomas Daniel, class of 1925	
George, Robert Kenneth, class of 1927	
Gerry, Lawrence James, class of 1925	
Gibbons, Joseph Howard, jr., class of 1924	
Gilchrist, Murvyne Durwood, class of 1926	
Gill, Harold Willard, class of 1927	
Gillespie, Marvin, class of 1927	
Glass, Benjamin Weaver, class of 1924	
Golden, James Michael, class of 1926	
Goldsmith, Zebulon Bladesley, class of 1927	
Granger, James Roscoe, class of 1926	
Graybill, Samuel Weslie, class of 1927	
Greenlee, Richard, class of 1927	
Griep, Elmer Frederick, class of 1925	
Griffith, Thomas Richards, jr., class of 1924	
Grinager, Kenneth Paul, class of 1926	
Griswold, Theophilus, class of 1927	
Gunderson, George Barnhardt, class of 1927	
Hackett, Thaddeus Edward, jr., class of 1926	
Haddock, David Stanford, class of 1927	
Hall, Raymond Dorsey, class of 1927	
Hanby, John Estes, class of 1927 b	
Hangs, James Frederick, class of 1924	
Hanlon, Paul Joseph, class of 1926	
Harper, Thomas Beverley, class of 1925	
Harrison, Carter Henry, class of 1926	
Heath, Raymond Franklin, class of 1927	
Heffner, Reid Russell, class of 1927	Jan. 30, 1924
Heisser, Arthur Roger, class of 1924	
Hickox, George Philip, class of 1927	Feb. 16, 1924
Hodges, Willard Atlee, class of 1927 b	June 4, 1924
Holder, Oren Spencer, class of 1927 b	
Holler, Walker Wesley, class of 1924	June 4, 1924

Name and class	Date resigned
Horne, Donald Francis, class of 1924	Sept. 22, 1924
Houck, John Howard, jr., class of 1926	
Hough, Charles Samuel, class of 1924	
Houston, James Edward, class of 1927	
Houston, Thomas Augustus, class of 1926	
Howard, Kenneth Painter, class of 1926.	
Hubert-Jones, Ashton Lee, class of 1926	
Hull, Leon Clinton, class of 1924	
Ingles, Paul, class of 1928	
Jacobson, Harry Samuel, class of 1927 b	
Janz, Robert, class of 1927	
Jaudon, Leonard Bates, class of 1924	
Jenkins, Burton Harmon, class of 1927	
Jeter, Benjamin Lee, jr., class of 1927	
Jones, Ernest Judson, class of 1927	
Jones, Robert Herman, class of 1927	
Jones, Roy Paul, class of 1927	
Jones, Thomas Wallace, class of 1927 b.	
Kampine, Clifford Elmer, class of 1927	
Kampine, Leon Leonard, class of 1926	
Kendrick, Marion Stewart, class of 1926	
Kerrick, Alfred Hall, class of 1924	
Kielty, Patrick Francis, jr., class of 1927	
King, Jesse Lenore, class of 1927 b	
King, Thomas Michael, class of 1927	
Kintz, Clyde Dominec, class of 1927	,
Kling, Charles William, class of 1927 b	· ·
Knickerbocker, Louis Loda, class of 1927	
Kock, Colby Gordon, class of 1927	
Kreiser, Alexander Walter, jr., class of 1924	
Land, John Henry, jr., class of 1927	
Latham, John Hill, class of 1927	
Latimer, Julian Lane, jr., class of 1926	
Lazell, James Draper, class of 1924	·
Leman, Arthur Louis, jr., class of 1924	Do.
Levensky, Sol Earl, class of 1926	Do.
Lewis, Joseph Newton, class of 1924	Do.
Lindsay, Gregg Miller, class of 1924	,
Little, Wilbert Armondo, class of 1926	
Lloyd, David James, class of 1924	
Lockhart, William Brotherton, class of 1927	Do.
Longmeyer, Francis Joseph, class of 1927	Do.
Loughead, Karl Neely, class of 1927	
Lovelace, Walter Franklin, jr., class of 1925	
Lowther, Robert Dickson, class of 1926	
Luke, Alan Addison, class of 1925	
MacDonald, Charles Temple, class of 1926	
Magagna, Herman Thomas, class of 1927	· ·
Mallory, Francis, jr., class of 1924	
Manthey, Ernst Harold, class of 1927	May 23, 1924

Name and class	Date resigned
Martin, Daniel Jerome, class of 1924	June 4, 1924
Martin, John Lucien, class of 1927	
Mathews, Kenneth Eddy, class of 1927	Jan. 30, 1924
Mathis, Darden, class of 1925	
Matteucci, George Amadee, class of 1924	June 4, 1924
Maxwell, Lloyd Jacob, class of 1927	
McCaskill, Ralph Emmerson, class of 1927	
McCall, Charles Cunbiffe, class of 1927	
McConnaghy, Lawson, class of 1927	
McGlasson, Grady, class of 1925	
McGovern, John Edward, class of 1926	Oct 4 1923
McGuire, Gordon Gerald, class of 1926	June 4 1924
McLeod, Robert Douglas, jr., class of 1924	Do.
McNairy, Ray Mebane, class of 1925	
Mendenhall, Earl Clifford, class of 1927	
Miller, Lewis Hiram, class of 1927	
Miller, Russell Briggs, class of 1927	
Miler, Thomas Raymond, class of 1926	
Milson, Joseph Charles, class of 1927	
Moore, Alvin Edward, class of 1925	
Moore, William Thomas, class of 1924	
Morris, James Virgil, class of 1927	
Morrow, Samuel Howard, class of 1924	
Moses, George William, jr., class of 1926	
Mounts, Providence, jr., class of 1926	
Murphy, Hubert Beveridge, class of 1927	Feb. 16, 1924
Naisbitt, Munro Pyper, class of 1927	
Naragon, Dale Demarr, class of 1927	
Nash, Nic., jr., class of 1927 b	
Nauss, Morton Shultz, class of 1927	Jan. 24, 1924
Neal, Joseph Walter, jr., class of 1927	
Newman, Glenn, class of 1924	
Norman, Oliver Le Grand, class of 1924	Do.
O'Loughlin, James Edmund, class of 1927	Feb. 16, 1924
Orr, John, class of 1926	
Ott, John Riley, class of 1927	Feb. 25, 1924
Overstreet, James Wilkins, jr., class of 1925	Jan. 7, 1924
Pinard, Albert Francis, class of 1927	Feb. 16, 1924
Pottle, James Henry, jr., class of 1924	June 4, 1924
Poupeney, Dion Beers, class of 1924	Apr. 7, 1924
Preddy, Joseph Gipson, class of 1926	Dec. 13, 1923
Proudfit, Herbert Kerr, class of 1927	
Raborn, William Francis, jr., class of 1927 b	
Radinsky, Theodore Oswald, jr., class of 1927	Do.
Rasbach, Joris Bliss, class of 1924	
Reed, George Latimer, jr., class of 1926	
Riggs, Paul Hughes, class of 1924	
Ritchie, Fred Payne, class of 1927	
Ritter, Paul Orville, class of 1925	
Roberts, Daniel Gordon, class of 1927	
Robnett, Vernon Powell, class of 1926	
Rode, Herman Carl, jr., class of 1924	
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Name and class	Date resigned
Rodriguez, Vincent Leonard, jr., class of 1927	
Ross, Harold Jerome, class of 1927	
Ruffolo, Louis Joseph, class of 1924	
Samsot, Robert Desposito, class of 1927	
Sanders, Samuel, jr., class of 1924	
Sarrasin, William Joseph, class of 1925	
Savage, Louis Arthur, class of 1927 b	
Sayres, Clinton, class of 1924	
Schenck, Charles Alexander, jr., class of 1924Schuetz, Chester Charles, class of 1925	
Scott, John Harvey, class of 1927	
Scott, Langston Berton, class of 1927	
Scott, Winfield Wayne, class of 1924	
Seay, Worrell Austin, class of 1926	
Shelton, Acton Artelle, class of 1925	
Shepherd, Charles Edward, class of 1924	
Shewell, Charles Tripler, class of 1925	
Shipley, Roland Curry, class of 1927	
Shipman, Frederick William, class of 1927	
Shropshire, Ralph Freeman, class of 1925	
Shumaker, Cresswell Sutton, class of 1924	
Simmonds, Norman Blakesley, class of 1924	
Simonton, Richard Metcalf, class of 1924	
Simpson, Elmer Alan, class of 1926	
Singer, Samuel Jacob, class of 1924	
Skade, Alfred Mathew, class of 1927	
Snider, Robert Maurice, class of 1927	
Speer, Joseph Gordon, class of 1924	
Stem, Jack Hubert, class of 1927	
Stephens, James Marion, class of 1925	
Stramler, Jefferson Walker, class of 1927	
Strange, Robert Orris, class of 1927 b	
Stauffer, Ted Clark, class of 1927	Jan. 20, 1924
Sturcken, William August, class of 1925	
Sugg, Tom Thompson, class of 1927	Do.
Sullivan, Kenneth Thomas, class of 1927	Do.
Sunde, Frederick Michael, class of 1927	
Taylor, Kendrick, class of 1927 b	
Terrell, Roy Lee, jr., class of 1927	
Terrill, Maurice Wilbur, class of 1926	
Terry, Ralph Bane, class of 1926	
Thomas, Robert Hampson, class of 1924	
Thompson, Joseph Cornelius, class of 1926	· ·
Thompson, Russell Samuel, class of 1925	
Timberlake, Casper Hill, class of 1927	
Timmerman, Dixon Padgett, class of 1927b	
Trese, Joseph Condon, class of 1927 b	
Truax, William David Brown, class of 1926	
Wagner, Chester Theodore, class of 1926————————————————————————————————————	
Wales, William Wyatt, class of 1924	
naios, minam nyato, class or 1920	. Teb. 10, 1924

b Readmitted.

Name and class	Date resigned
Walker, Donald Seymour, class of 1924	
Walker, Hazel Marion, class of 1927	
Waller, George Washington Doane, jr., class of 1924	
Walling, Elbert Stewart, class of 1927	
Walsh, Albert Joseph, class of 1924	
Walshe, Frank Seymour, jr., class of 1926	
Walters, Ralph Edward, class of 1927	
Welsh, D. Emmett, class of 1924	June 4, 1924
White, Theodore Clark, class of 1925	
Whitmire, Boyce Augustus, class of 1927	
Whitlock, Laurence Alexander, class of 1927	
Wiles, Gordon Warren, class of 1926	,
Wiley, Wallace Eugene, class of 1927	
Williams, Artie Leon, jr., class of 1924	
Williams, Neville Allen, class of 1927	
Wilson, Hal Kay, class of 1924	
Wolfe, Leland Jacob, class of 1927	
Wood, Milton Chubbuck, class of 1927 b	
Woodruff, Burleigh Alfred, class of 1927	
Wyly, Lucian Buffington, class of 1925	
Yeager, William Cornelius, class of 1927b	
Young, Casanave Howle, class of 1925	
Zahm, Richard Holloway, class of 1927	
Zinterhofer, Louis Joseph, class of 1927	
D	
Dropped Name and class	D 4: 33
Beaird, Lucius Howard, class of 1927	Nov. 13, 1923
Fox, Stewart Bell, class of 1925	
Holcomb, Delton Smith, class of 1927	
Scott, Howard Newton, class of 1927	
Spriggs, Kahl Kenneth, class of 1927	
Toucey, Ferris Donald, class of 1927	
Touce, Tours Donata, class of 1021-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	1,01, 11, 1020
Deaths	
Name and class	Date died
	Date died
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923
Dotzler, Theodore Roosevelt, class of 1925 Duncan, Robert James, class of 1925	Oct. 30, 1923 Aug. 14, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924 Dec. 29, 1923
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924 Dec. 29, 1923 Date dismissed Sept. 19, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924 Dec. 29, 1923 Date dismissed Sept. 19, 1924 May 31, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924 Dec. 29, 1923 Date dismissed Sept. 19, 1924 May 31, 1924 May 14, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924 Dec. 29, 1923 Date dismissed Sept. 19, 1924 May 31, 1924 May 14, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924 Dec. 29, 1923 Date dismissed Sept. 19, 1924 May 31, 1924 May 14, 1924 Sept. 30, 1924
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924 Dec. 29, 1923 Date dismissed Sept. 19, 1924 May 31, 1924 May 14, 1924 Sept. 30, 1924 Date turned back
Dotzler, Theodore Roosevelt, class of 1925	Oct. 30, 1923 Aug. 14, 1924 Jan. 20, 1924 May 28, 1924 Dec. 29, 1923 Date dismissed Sept. 19, 1924 May 31, 1924 May 14, 1924 Sept. 30, 1924 Date turned back May 29, 1924

Name and along	Date turned back
Name and class Barnette, Stuart Moffett, class of 1927 to class of 1928	
Bell, Lyman Herrick, class of 1927 to class of 1928	
Blanche, John Goodman, jr., class of 1924 to class of 1925.	
Boss, Carlos Ransom, class of 1927 to class of 1928	
Bowden, William Kendrick, class of 1927 to class of 1928	
Brett, James Henry, jr., class of 1927 to class of 1928	
Bruen, Cuthbert Joseph, class of 1927 to class of 1928	
Cain, Harrold Francis, class of 1927 to class of 1928	
Carter, Joseph Williams, class of 1926 to class of 1927	
Coll, John Owen Reilly, class of 1926 to class of 1927	
Collis, John Leon, class of 1927 to class of 1928	
Croft, Frank Cornelius, class of 1927 to class of 1928	
Dean, John Little, class of 1926 to class of 1927	
Drew, Edward John, class of 1926 to class of 1927	
Durham, Ritchey Lee, class of 1925 to class of 1926	
Dyson, Howell Jesse, class of 1926 to class of 1927	
Fitzgerald, Delano Jackson, class of 1926 to class of 1927	
Fountain, Frank Fremont, class of 1925 to class of 1926	
Garton, Norman Farquhar, class of 1927 to class of 1928	
Giese, Albert Augustus, class of 1925 to class of 1926	
Gordon, Donald Stuart, class of 1927 to class of 1928	
Gordon, Howard Wright, jr., class of 1926 to class of 1927	Feb. 13, 1924
Gunther, Louis Everett, class of 1925 to class of 1926	
Hanlon, Paul Joseph, class of 1925 to class of 1926 r	Feb. 13, 1924
frarren, Joseph William, class of 1920 to class of 1927	. Iviay 20, 1021
Harrell, Joseph William, class of 1926 to class of 1927Hasbrouck, Preston, class of 1927 to class of 1928	
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Hasbrouck, Preston, class of 1927 to class of 1928Heavilin, John Seegar, class of 1926 to class of 1927	Do. Do. Sept. 5, 1924 June 1, 1924
Hasbrouck, Preston, class of 1927 to class of 1928	Do. Do. Sept. 5, 1924 June 1, 1924 Do.
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Hasbrouck, Preston, class of 1927 to class of 1928. Heavilin, John Seegar, class of 1926 to class of 1927. Hewett, Lindell Harris, class of 1927 to class of 1928. Hubbard, Robert Lee, jr., class of 1927 to class of 1928. Ingles, Paul, class of 1927 to class of 1928 r. Inscoe, Garland Medicus, class of 1927 to class of 1928. Jackson, William Crawford, class of 1927 to class of 1928. Jones, Fielder Allison, class of 1925 to class of 1926. Keith, Robert Taylor Scott, class of 1927 to class of 1928. Kennedy, William Dewitt, class of 1927 to class of 1928. Kent, John, class of 1927 to class of 1928. Kluegel, John Van Rensselaer, class of 1927 to class of 1928. Leahy, William Harrington, class of 1926 to class of 1927. Lofberg, Gus Brynolf, jr., class of 1926 to class of 1927. Manees, Edward Oslin, class of 1927 to class of 1928. McClaughry, John Glenn, class of 1926 to class of 1927. Orf, Harold George, class of 1927 to class of 1928. Perrine, Pierre Clyde, class of 1927 to class of 1928. Peterson, James Shadle, class of 1927 to class of 1928. Pryor, Francis Dennis, class of 1926 to class of 1928. Pryor, Francis Dennis, class of 1927 to class of 1928. Radom, Matthew, class of 1927 to class of 1928. Renard, Jack Clayton, class of 1927 to class of 1928. Renard, Jack Clayton, class of 1927 to class of 1928.	Do. Do. Do. Sept. 5, 1924 June 1, 1924 Do. May 29, 1924 Do. Feb. 13, 1924 Sept. 5, 1924 May 29, 1924 Sept. 5, 1924 Sept. 5, 1924 June 1, 1924 Feb. 13, 1924 May 29, 1924 Feb. 13, 1924 May 29, 1924 Do. Do. June 28, 1924 Mar. 21, 1924 Sept. 5, 1924 Sept. 5, 1924 Sept. 5, 1924 May 29, 1924 Sept. 5, 1924 Sept. 5, 1924 May 29, 1924
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r Later resigned.

Name and class	Date turned back
Rickertts, Roland Wendell, class of 1926 to class of 1927	Apr. 7, 1924
Ross, Hårold Jerome, class of 1926 to class of 1927	Do.
Sayers, Lewis Wetzel, jr., class of 1927 to class of 1928	Sept. 8, 1924
Shapley, Allan, class of 1926 to class of 1927	Mar. 12, 1924
Smyth, John Borden, class of 1926 to class of 1927	Feb. 13, 1924
Stewart, William Henry, jr., class of 1926 to class of 1927	June 1, 1924
Stewart, William Holden, jr., class of 1927 to class of 1928	Sept. 5, 1924
Symes, Robert Thomas, class of 1926 to class of 1927	Feb. 13, 1924
Todd, David Wooster, class of 1927 to class of 1928	Sept. 5, 1924
Trafton, Spalding, jr., class of 1926 to class of 1927	Apr. 7, 1924
Wakeman, Calvin Edson, class of 1926 to class of 1927	Do.
Wev, Bosquet Neill, class of 1926 to class of 1927	Sept. 5, 1924
White, John Timothy, class of 1927 to class of 1928	Sept. 5, 1924
Wiedemann, Francis Joseph, class of 1927 to class of 1928	June 1, 1924
Wyatt, Joe Earle, class of 1927 to class of 1928	May 29, 1924
Zook, Hurley McCupe, class of 1927 to class of 1928	Do.

COURSE OF INSTRUCTION, 1924–25

[Reference books are marked*]

FIRST YEAR-FOURTH CLASS

Departments .	Periods each week	Subjects	Textbooks
MARINE ENGINEERING AND NAVAL CONSTRUCTION. MATHEMATICS.	6	Mechanical drawing and descriptive geom- etry. Solid geometry Plane trigonometry and	Bartlett and Johnson's Engineering Descriptive Geometry and Drawing. Hawkes-Luby-Touton. Bullard and Kiernan's Plane and
English	4	logarithms. Mathematical analysis Composition and litera-	Spherical 'Irigonometry. Griffin's Introduction to Mathemat- ical Analysis. Bowditch's Useful Tables.* Smith's What Can Literature Do
		ture (including short speeches, official let- ters, and naval re- ports). Lectures by head of department.	For Me? Stevens and Alden's Composition for Naval Officers. Krafft and Norris's Sea Power in American History. Dana's Two Years Before the Mast. Houston and Bonnell's Types of Great Literature. Webster's Collegiate Dictionary.*
Modern Languages (One half of the class studies Spanish and the other half French.)	3	Spanish	Webster's Collegiate Dictionary.* Hills and Ford's First Spanish Course. Appleton's New Spanish Diction- ary.*
Tionony	3	French	The New Fraser and Squair French Grammar. Uniform International Dictionary, Hinds, Hayden, and Eldredge.*
-		SECOND TERM	
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	3	Mechanical drawing and descriptive geometry.	Bartlett and Johnson's Engineering Descriptive Geometry and Draw- ing. Handy Book for Enlisted Men of
MATHEMATICS	6	Mathematical analysis	Engineering Department. Griffin's Introduction to Mathematical Analysis. Mechanical Engineer's Handbook, by Marks*.
		College algebra	Bowditch's Useful Tables.* Reitz and Crathorne's College Algebra. Palmer and Krathwohl Analytic
ENGLISH	4	(All three taken con- currently.) Composition and litera- ture (including short speeches, official let- ters, and naval re-	Geometry. Stevens and Alden's Composition for Naval Officers. Houston and Bonnell's Types of Great Literature.
Modern Languages	3	ports). Lectures by head of department. Spanish	Shakespeare's Twelfth Night, Ham- let, and Henry IV, Part 1. Hills and Ford's First Spanish Course. Marcial Dorado and Ray's Trozos- Modernos. The New Fraser and Squair French
	3	r rencu	Grammar. Méras' Le Second Livre.

SECOND YEAR-THIRD CLASS

			
Departments	Periods each week	Subjects	Textbooks
MARINE ENGINEERING AND NAVAL CONSTRUCTION. MATHEMATICS	3 5	Engineering drawing Mathematical Analysis. Calculus Solid analytical geometry. (Taken concur-	Geometry and Drawing,
ELECTRICAL ENGINEERING AND PHYSICS.	4	rently with Calculus.) Chemistry	McPherson and Henderson's Ele- mentary Study of Chemistry. McPherson and Henderson's Exer- cises in Chemistry. Pamphlet. Dashiell's Problems in Chemistry
ENGLISH.	2	Naval history	Chemistry. Krafft and Norris's Sea Power in American History. Stevens and Westcott's History of Sea Power.
Modern languages(One half of the class studies Spanish and the other half French.)	2	Spanish	Crawford's Temas Españoles. Hills and Ford's First Spanish Course. Laguardia's Cuentos Hispanoamericanos.
	2	French	Méras' Le Second Livre. Fournon and Brousard's Pour Parler Français. The New Fraser and Squair French Grammar.
		SECOND TERM	
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	3	Mechanical Processes Boilers	Danforth's Mechanical Processes. Lyon and Hinds' Marine and Naval Boilers. Bureau of Engineering Boiler Man-
MATHEMATICS	5	Mechanics	ual. Elementary Mechanics—Department of Mathematics, U. S. Naval Academy. Hudson's Engineers' Manual.*
		Polyphase Slide Rule	Hudson's Engineers' Manual.* Breckenridge.
ELECTRICAL ENGINEERING AND PHYSICS.	4	Physics	Milliken, Gale and Pyle's Practical Physics. Kimball's College Physics. Department pamphlet on Gyro, Theory of Flight, Thermodynamics, etc.
ENGLISH MODERN LANGUAGES (One half of the class studies Spanish and the other half French.)	2 2	Spanish	Smith's Essays on Current Themes. Laguardia's Cuentos Hispanoamericanos. Hills and Ford's First Spanish Course.
	2	French	Fournon and Broussard's Pour Parler Français. The New Fraser and Squair French Grammar.

THIRD YEAR-SECOND CLASS

Departments	Periods each week	Subjects	Textbooks
SEAMANSHIP	2	Seamanship	Knight's Seamanship. Boat Book, 1920. Cyclonic Storms. Handling Ships, Notes B. Nautical Phraseology.
Marine engineering and	4	Signals Regulations Leadership Mechanisms	Signal Books, U. S. Navy.
NAVAL CONSTRUCTION.		Reciprocating Engines and Auxiliary Ma- chinery.	Barton & Stickney's Naval Recipro-
MATHEMATICS	5	Mechanics Polyphase Slide Rule	Machinery. Elementary Mechanics.—Department of Mathematics, U. S. N. A. Hudson's Engineers' Manual.* Breckenridge.
ELECTRICAL ENGINEERING AND PHYSICS. MODERN LANGUAGES		Magnetism and electricity (DC). Spanish	Timbie's Elements of Electricity. Bullard's "Naval Electricians' Text Book," Vols. I and II. Howland's Zaragüeta.
(One half of the class studies Spanish and the other half French.)		Spanish	Hills and Ford's First Spanish Course. Morley's Spanish Humor in Story
	2	French	and Essay. The New Fraser & Squair French Grammar. Wilson's Le Roi des Montagnes.
		SECOND TERM	
SEAMANSHIPORDNANCE AND GUNNERY	1 2	LeadershipOrdnance, gun design, and elementary fire	Naval Leadership. Naval Ordnance, 1921.
Navigation	5	control. Navigation	Navigation, 1922. Bowditch's Tables. Nautical Almanac.* Azimuth Tables.*
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	4	Reciprocating Engines and Auxiliary Ma- chinery. Thermodynamics	Barton & Stickney's Naval Recipro- cating Engines and Auxiliary Machinery. Ennis' Thermodynamics Abridged.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Electricity (direct current). Dynamo electric ma-	Bullard's "Naval Electrician's Text- books," Vols. I and II.
		chines, primary and secondary batteries, searchlights, telephones, etc.	books," Vols. I and II. Timbie's "Elements of Electricity."
MODERN LANGUAGES (One half of the class studies Spanish and the other half French.)	2	Spanish	Morley's Spanish Humor in Story and Essay. Spanish Nautical Phrase Book and Reader.
a reacti.)	2	French	Wilson's Le Roi des Montagnes. French Nautical Phrase Book and Reader.

FOURTH YEAR-FIRST CLASS

Departments	Periods each week	Subjects	Textbooks
SEAMANSHIP	3	Seamanship	Knight's Seamanship. Boat Book, 1920. Cyclonic Storms. Handling Ships, Notes "B."
		Signals Elementary strategy and tactics.	Nautical Phraseology. Signal Books, U. S. Navy. Special pamphlets.
ORDNANCE AND GUNNERY	3	Communications Ordnance and ballistics.	Notes on Naval Communications. Naval Ordnance, 1921. Gunnery instructions, U. S. Navy. Exterior Ballistics, Alger. Notes on Fire Control and Torpedoes
Navigation	3	Theory and practice of navigation. Theory of compass de- viations.	(Navigation, 1922. Bowditch's Tables. Nautical Almanac.* Azimuth Tables.*
MARINE ENGINEERING AND NAVAL CONSTRUCTION. ELECTRICAL ENGINEERING AND PHYSICS.	3	Turbines Alternating current and alternating current	Cox & Libbey's Naval Turbines. Bullard's "Naval Electrician's Textbook." Vols. I and II.
		machinery. Radio	Signal Corps' Principles Underlying Radio Communication. Departmental Radio Instructions.
English		Modern European His- tory (with lectures). After-dinner speaking (Tuesday and Thurs- day evenings).	Turner's Europe since 1789.
-		SECOND TERM	
SEAMANSHIP	3	Regulations	U. S. Navy Regulations. Naval Courts and Boards. International Law—Soule & McCauley.
ORDNANCE AND GUNNERY	4	Leadership	Naval Leadership. Exterior Ballistics, Alger. Gunnery Instructions. Bureau of Ordnance Pamphlets. Notes on Fire Control, Mines and
Navigation	3	Theory of compass deviations. Practical navigation	Torpedoes. Official Publications. Navigation, 1922. Bowditch's Tables.
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	3	Internal Combustion Engines. Naval construction	Nautical Almanac.* Azimuth Tables.*
ELECTRICAL ENGINEERING AND PHYSICS.	3	Alternating current and alternating current	Construction. Bullard's "Naval Electrician's Text book," Vols. I and II.
		machinery. Radio	Signal Corps' "Principles Underly ing Radio Communication." Departmental Radio Instruction.
English		(Tuesday and Thurs- day evenings). Effects of alcohol and	2 Spar vincence 2 state and another the spar another the spar and another the spar another the spar and another the spar and another the spar another the spar and another the spar another the
		narcotics. Naval and military hygiene. First aid to the injured (14 Friday evening periods).	Heiner's Physiology, First Aid an Naval Hygiene.

Assignment of time, 1924-25

	First	class	Secon	d class	Third	l class	Fourt	h class	~
Departments	First term	Second term	First term	Second term	First term	Second term	First term	Second term	Sum- mary
SEAMANSHIP	3	3	1 2	(2)					8
	-		. 2						9
ORDNANCE AND GUNNERY	3	4		2					
NAVIGATION	3	3		5					11
MARINE ENGINEERING AND				1					
NAVAL CONSTRUCTION	2	3	4	4	3	3	. 3	. 3	25
MATHEMATICS			5		5	5	6	6	27
ELECTRICAL ENGINEERING									
	3	3	3	3	3 4	4.4			20
AND PHYSICS		3	3	3	_	_			
ENGLISH	⁸ 2				2	2	4	4	14
LANGUAGES			2	2	2	2	3	3	14
HYGIENE		(5)							(5)
								1.	

- ¹ December and January, three periods.
- ² February and March, one period.
- 3 December and January, five periods.
- 4 February and March, five periods

⁵ Friday night lecture.

Coefficients, 1924-25

Departments	First	class	Secon	d class	Third	l class	Fourt	h class	Sum- mary
APTITUDE FOR THE SERVICE	1	7	1	2		7		4	
	First term	Second term	First term	Second	First term	Second term	First term	Second term	40
SEAMANSHIP. ORDNANCE AND GUNNERY NAVIGATION. MARINE ENGINEERING AND NAVAL CONSTRUCTION MATHEMATICS. ELECTRICAL ENGINEERING AND PHYSICS. ENGLISH LANGUAGES. HYGIENE	8 5	7 10 8 7 8	8 9 6	4 10 8 6 4	4 7 5 3 2	4 7 5 3 3	2 4	2 4	19 22 25 40 31 38 16 17 2
Тотац	10	00	7	'5	į	50	2	25	250

Program of recitations, 1924-25

Day	Class	Battalions		. Periods	
			First	Second	Third
	ſ.	(1 and 3	Navigation	M. E. & N. C	E. E. & P.
	1	4 and 2	Ordnance	M. E. & N. C	E. E. & P.
		1 and 3	M. E. & N. C	Languages	Mathematics.
Mandan]2	4 and 2	M. E. & N. C	Mathematics	Seamanship.
Monday],	1 and 3	Mathematics	E. E. & P	Languages.
	9	4 and 2	E. E. & P	Mathematics	English.
	1	1 and 3	English	Mathematics	M. E. & N. C.
	(+	\4 and 2	English	Mathematics	M. E. & N. C.
	1	1 and 3	E. E. & P	Ordnance	Seamanship.
	1	4 and 2	E. E. & P	Navigation	Seamanship.
	2	\$1 and 3	M. E. & N. C	Seamanship	Mathematics.
Tuesday	{	\4 and 2	M. E. & N. C	Mathematics	Languages.
i desday iiiii	3	∫1 and 3	English	Mathematics	E. E. & P.
	19	4 and 2	Languages	E. E. & P	Mathematics.
	4	∫1 and 3	Mathematics	English	M. E. & N. C.
	((4 and 2	Mathematics	English	M. E. & N. C.
	1	∫1 and 3	English	Ordnance	Navigation.
	1	4 and 2	Ordnance	Navigation	English.
	2	1 and 3	Mathematics	M. E. & N. C	Seamanship.
Wednesday	}	[4 and 2	M. E. & N. C	Mathematics	Seamanship.
	3	∫1 and 3	E. E. & P	Mathematics	M. E. & N. C.
	0	4 and 2	Mathematics	E. E. & P	M. E. & N. C.
	4	1 and 3	Mathematics	English	Languages.
	,	(4 and 2	Mathematics	English	Languages.
	1	1 and 3	English	Ordnance	Seamanship.
		4 and 2	Ordnance	English	Seamanship.
	2	1 and 3	Mathematics	Languages	E. E. & P.
Thursday	{	(4 and 2	Languages	Mathematics	E. E. & P.
	3	1 and 3	Mathematics E. E. & P	E. E. & P	M. E. & N. C. M. E. & N. C.
		1 and 3		M. E. & N. C	
	4	14 and 2	Mathematics	M. E. & N. C.	Languages. Languages.
	(1 and 3	E. E. & P.	M. E. & N. C	Seamanship.
	1	14 and 2	E. E. & P	M. E. & N. C.	Seamanship.
		1 and 3	M. E. & N. C.	E. E. & P.	Mathematics.
	2	4 and 2	M. E. & N. C.	Mathematics	E. E. & P.
Friday	{	1 and 3	Mathematics	English	Languages.
	3	4 and 2	English.	Languages	Mathematics.
		1 and 3	Languages		English.
	4	4 and 2	Languages	Mathematics	English.
	(.	1 and 3	Navigation		
	1	4 and 2	Navigation		
		1 and 3	E. E. & P	Seamanship 1	
0-1	2	4 and 2	E. E. & P	Seamanship 1	
Saturday	1.	J1 and 3	M. E. & N. C	E. E. & P.1	
	3	4 and 2	M. E. & N. C	E. E. & P.1	
	1	1 and 3	Mathematics		
	4	14 and 2	Mathematics		
)			

¹ December and January.

Program of recitations, 1924–25—Continued

SECOND TERM

Day	Class	Batalions		Periods	
Day	Class	Batanons	First	Second	Third
	(1]1 and 3	Navigation	Seamanship	Ordnance.
		4 and 2	Navigation	Ordnance	Seamanship.
	2	1 and 3	M. E. & N. C	Navigation	E. E. & P.
Monday	1)	4 and 2	M. E. & N. C	Navigation	E. E. & P.
	3	1 and 3	Mathematics	Languages	English.
		4 and 2	English	Mathematics	Languages.
	4	1 and 3	Languages	Mathematics	
	t	l4 and 2	Languages	Mathematics	M. E. & N. C.
	(1	1 and 3	M. E. & N. C	E. E. & P	Seamanship
		4 and 2	M. E. & N. C	E. E. & P	Ordnance.
	2	1 and 3	Ordnance	Languages	Navigation.
Durandam		14 and 2	Ordnance	Navigation	Languages.
Fuesday	3	1 and 3	Mathematics	M. E. & N. C	E. E. & P.
		4 and 2	E. E. & P	M. E. & N. C	Mathematics.
	4	1 and 3	Languages	Mathematics	English.
		l4 and 2	Languages	Mathematics	English.
	61	[1 and 3	Ordnance	M. E. & N. C	E. E. & P.
	1	4 and 2	Seamanship	M. E. & N. C.	E. E. & P.
	2	1 and 3	M. E. & N. C.	Languages	Navigation.
T7 - 2 1		4 and 2	M. E. & N. C.	Navigation	Languages.
Wednesday	3	1 and 3	Mathematics	E. E. & P.	M. E. & N. C.
	3	4 and 2	E, E, & P	Mathematics	M. E. & N. C.
	4	1 and 3	Languages	Mathematics	English.
	1	4 and 2	Languages	Mathematics	English.
	1-				
	1	1 and 3	Seamanship	M. E. & N. C	Ordnance.
		4 and 2	Navigation	M. E. & N. C	Ordnance.
	2	1 and 3 4 and 2	M. E. & N. C M. E. & N. C	Navigation	E. E. & P.
Thursday	1	1 and 3	Mathematics	E. E. & P.	E. E. & P.
	3	4 and 2	E. E. & P	Mathematics	Languages. English.
	1	1 and 3	Mathematics		M. E. & N. C.
	1	4 and 2	Mathematics	English English	M. E. & N. C.
	[1	1 and 3	Navigation	Ordnance	E. E. & P.
		4 and 2	Seamanship	Ordnance	E. E. & P.
	2	1 and 3	Ordnance	M. E. & N. C	Navigation.
Friday	{_	4 and 2	Ordnance	M. E. & N. C.	Navigation.
	3	1 and 3	Mathematics	E. E. & P	English.
		4 and 2	E. E. & P	Mathematics	Languages.
	4	1 and 3	M. E. & N. C	English	Mathematics.
	(l4 and 2	M. E. & N. C	English	Mathematics.
	1	∫1 and 3	0		
		4 and 2			
	2	1 and 3			
Saturday	{	4 and 2		Seamanship 1	
	3	1 and 3		E. E. & P.1	
		4 and 2		E. E. & P.1	
	4	1 and 3	Mathematics		
	l	4 and 2	Mathematics	•	

¹ February and March.

Table of recitation assignments, 1924-25—First term

Prepartments Bate Prince class Second class Third class Pourth class						ד מינ	dute of rectuation assignments, 1924-29 - 1 tist telm	100	anno	2 11	Saco	Terres	leco,	100	4			3											
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1 December and January.

Table of recitation assignments, 1924-25—Second term

		I dote of	rection assignmen	I dole of rectation assignments, 1324-29-second term	et me		
		First class	Second class	Third class	Fourth class	Recitations per week	er week
Departments	Bat- talions M. T. W.	T. F. S.	M. T. W. T. F. S.	M. T. W. T. F. S.	M. T. W. T. F. S.	First Second T	Third Fourth
Sormanship	1-3 2 3	1	1 2			60	
Notification and a second and a	4-2 3 1	1	1 2				
	1-3 3 1	3 2	1 1			4	
Ordnance	4-2 3	3 2	1 1				
	[1-3 1	1 1	2 3 3 2 3			10	
Navigation	4-2	1 1	2 2 2 3				
Marine engineering and	[1-3 1 2	2	1 1 2	2 3 1	3 1	4	, ,
naval construction.	4-2 1 2	2	1 1 2	2 3 1	3 1		,
	1-3			1 1 1 1 1	2 2 2 1 3 1		7.5 .0
Mathematics	4-2			2 3 2 2 2	2 2 2 1 3 1		
Electrical engineering and	1-3 2 3	3	3	3 2 2 2 12		en	4
physics.	4-2 2 3	8	3	1 1 1 1 12			
	1-3			8	3 3 2 2		2
Tanguar	4-2			3	3 3 2 2		
	[1-3		2 2	3	1 1 1	2	3
1/anguages	4-2		3 3	3	1 1 1		
II regions	1-3					×	
11 y & letter	4-2						
				And the second s		,	

1 February and March

Instruction schedule for first term

25 SEPTEMBER, 1924, TO 1 FEBRUARY, 1925

				PER	IODS		
Day		D-4	First	Second	Third	Fourth	Fifth
	Class	Bat- talion	7.50 to 9.54 a. m.	10.04 a. m. to 12.08 p. m.	1.10 to 3.10 p. m.	3.27 to 4.30 p. m.	7.45 to 9.30 p. m.
Monday	1 2 3 4	1, 3 4, 2 1, 3 4, 2 1, 3 4, 2 1, 3 4, 2	Navigation Ordnance M. E. & N. C. M. E. & N. C. Mathematics E. E. & P. English English	M. E. & N. C. M. E. & N. C. Languages Mathematics E. E. & P. Mathematics Mathematics Mathematics	E. E. & P. E. E. & P. Mathematics Seamanship Languages English M. E. & N. C. M. E. & N. C.	Drill	Study
Tuesday	1 2 3 4	1, 3 4, 2 1, 3 4, 2 1, 3 4, 2 1, 3 4, 2	E. E. & P. E. E. & P. M. E. & N. C. M. E. & N. C. English Languages Mathematics Mathematics	Ordnance Navigation Seamanship Mathematics Mathematics E. E. & P. English English	Seamanship Seamanship Mathematics Languages E. E. & P. Mathematics M. E. & N. C. M. E. & N. C.	Drill	Study
Wednesday	1 2 3 4	1, 3 4, 2 1, 3 4, 2 1, 3 4, 2 1, 3 4, 2	English Ordnance Mathematics M. E. & N. C. E. E. & P. Mathematics Mathematics Mathematics	Ordnance Navigation M. E. & N. C. Mathematics Mathematics E. E. & P. English English	Navigation English Seamanship Seamanship M. E. & N. C. M. E. & N. C. Languages Languages	Recreation	Study
Thursday	1 2 3 4	1, 3 4, 2 1, 3 4, 2 1, 3 4, 2 1, 3 4, 2	English Ordnance Mathematics Languages Mathematics E. E. & P. Mathematics Mathematics	Ordnance English Languages Mathematics E. E. & P. Mathematics M. E. & N. C. M. E. & N. C.	Seamanship Seamanship E. E. & P. E. E. & P. M. E. & N. C. M. E. & N. C. Languages Languages	Drill	Study
Friday	1 3 3 4	1, 3 4, 2 1, 3 4, 2 1, 3 4, 2 1, 3 4, 2	E. E. & P. E. E. & P. M. E. & N. C. M. E. & N. C. Mathematics English Languages Languages	M. E. & N. C. M. E. & N. C. E. E. & P. Mathematics English Languages Mathematics Mathematics	Seamanship Seamanship Mathematics E. E. & P. Languages Mathematics English English	Drill	English English Study
		ime sch 9. 54 a. 1		10.20 to 11.50 a. m.			
Saturday	1 2 3 4	1, 3 4, 2 1, 3 4, 2 1, 3 4, 2 1, 3 4, 2	Navigation Navigation E. E. & P. E. E. & P. M. E. & N. C. M. E. & N. C. Mathematics Mathematics	Drill Seamanship ¹ Seamanship ¹ E. E. & P. ¹ E. E. & P. ¹ Drill	Recreation	Recreation	Liberty Motion Pictures, etc.

⁽¹⁾ During the odd-numbered academic months the first and fourth battalions recite the first hour of a period. During the even-numbered academic months the second and third battalions recite the first hour of a period.

(2) For the academic year of 1924-25 each odd-numbered battalion of the regiment studies Spanish and each even-numbered battalion studies French. Assignment to each language on entrance becomes per-

manent for the entire course.

¹ December and January. 10.04-12.08 p. m.

ARRANGEMENT OF COURSES 1924–1925

All courses are completed each term

Midshipmen are required to have a 2.5 or over
in each department for each term

Instruction schedule for second term, February 4, 1924, to May 29, 1924

	4	Fifth	7.45 to 9.30 p. m.				Study.								Study.							Study								Study.			
, 1004		Fourth	3.27 to 4.30 p. m.				Drill						4	,	[]							Recreation	111111111111111111111111111111111111111							(Drini			
and account concease for account to his, a containing the accept to integ so, and	Periods	Third	1.10 to 3.10 p. m.	Ordnance	Ordnancc	Navigation	Navigation	Languages	E. E. & P.	M E & N. C.	Seamanship	Navigation	E. E. & P	Е. Е. & Р	M. E. & N. C	M. E. & N C	Languages	English	E. E. & P	E. E. & P	Seamanship	Ordnance	M. E. & N. C.	M. E. & N. C.	Languages	Somonshin	Ordnance	Navigation	Navigation.	English	E. E. & P.	M. E. & N. C.	M. E. & N. C
cooling for me, a con the		Second	10.04 a. m -12.08 p. m.	M. E. & N. C.	M. E. & N. C	Ordnance	Scamanship	E. E. & F.	Manguages	Mathematics	Navigation	Seamanship	Languages	Languages	English	English	Mathematics	Mathematics	M. E. & N. C	M. E. & N. C	Ordinance	Seamanship	E. E. & P.	E. E. & P	Mathematics	Navigation	Seamanship	M. E. & N. C	M. E. & N. C.	E. E. & P	English	Mathematics	Mathematics
in the second se		First	7.50 to 9.54 a. m.	E. E. & P.	E. E. & P.	Seamanship	Ordnance	Mathematics	Topmone	English	Ordnance	Ordnance	M. E. & N. C.	M. E. & N. C	Mathematics	Mathematics	English	Languages	Ordnance	Ordnanco	M. E. & N. C.	M. E. & N. C.	Mathematics	Mathematics	English	M E & N C	M. E. & N. C.	E. E. & P	E. E. & P	Mathematics	Mathematics	English	Languages
		Battalion		1, 3	4, 2	1, 3	4, 2	1, 3	1, 2	4. 2	1,3	4, 2	1, 3	4, 2	1, 3	4, 2	1, 3	4, 2	1, 3	4, 2	1, 3	4, 2	1, 3	4, 2	1, 3	1, 2	4.2	1, 3.	4, 2	1, 3	4, 2	1, 3	4, 2
		Class		(1		2		3	_		-1		2		3		4	۰.	1		2		3		4		1	2		3		4	_
		Day					Monday							Tuesday								Wednesday							Thursday				

Hygiene. Hygiene.
Drill
Seamanship. Ordnance. Navigation. Seamanship. M. E. & N. C. Navigation. M. E. & P. Inanguages. Languages. E. E. & P. Mathematics. M. E. & N. C. Mathematics. M. E. & N. C.
Seamanship Ordnance Navigation Seamanship M. E. & N. C Navigation M. E. & N. C Navigation E. E. & P Languages I. Anguages E. E. & P Mathematics M. E. & N. C Mathematics M. E. & N. C Mathematics M. E. & N. C Mathematics M. E. & N. C
1, 3 E. E. & P
E C C C C C C C C C C C C C C C C C C C
£ 8 4
Friday

SATURDAY TIME SCHEDULE

1, 3 Navigation 4, 2 Navigation 5 E. & P Prill		7.50 to 9.54 a. m.	10.20 to 11.50 a. m.			
	£ 1, 4, 1, 4	Navigation	Drill.	Recreation	Recreation	Liberty. Motion Pictures, etc.

third battalions recite the first hour of a period.

(2) For the academic year of 1922-4 each odd-numbered battalion of the regiment studies Spanish and each even-numbered battalion studies French. Assignment to each language on entrance becomes permanent for the entire course.

Summer schedule, 1924; for midshipmen of the fourth class

ROUTINE FROM 16 JUNE TO 1 SEPTEMBER, 1924

				Periods		
Day	Platoons	First	Second	Third	Fourth	Fifth
		8.15 to 9.45 a. m.	10.15 to 11.45 a. m.	1.45 to 3 p. m.	3.15 to 4.30 р. ш.	8 to 9.30 p. m.
MondayTucsday	T. W. W. T. W. W. T. W. W. T. W. W. T. W. W. T. W. T. W. T. W. T. W. T. W. T.	Rifle range Infantry Infantry Infantry Rifle range Rifle range Infantry Infantry Rifle range Ordnance Seamanship	Riffe range. Gymnasium. Gymnasium. Riffe range. Riffe range. Gymnasium. Riffe range. Seamanship. Ordnanee.	Scamanship. M. B. & N. C. M. B. & N. C. Seamanship. Executive. Executive. Executive. Executive. Executive. M. E. & N. C. Seamanship. English. M. E. & N. C.	Gymnasium Seamanship Seamanship Gymnasium Recreation Seamanship Gymnasium M. E. & N. C. English	Recreation. Recreation. Recreation. Recreation. English. Auditorium. Recreation. Recreation. Recreation. Recreation. Auditorium. Representation Auditorium. Auditorium.
The state of the s		Than of y	Cymnasiam.			

	Sixth	8 to 9.30 p. m.	Study.	Study and Personal	Aykene.	Study.	English.	Moving Pictures. Auditorium.
	Fifth	4.30 to 6.45 p. m.	Recreation	Recreation	Recreation	Recreation	Recreation	Reercation
Periods	Fourth	3 to 4.30 p. m.	Ordnance.	SeamanshipRecreation	Gymnasium	SeamanshipReereation	Gymnasium	Recreation
Per	Third	1.15 to 2.45 p. m.	Languages	Languages	Languages	Languages	Languages	Recreation
	Second	10 a. m. to 12 m.	M. E. & N. C Mathematics Languages	M. E. & N. C Mathematics Languages	MathematicsLanguages	M. E. & N. C Mathematics Languages	Mathematics Languages	Seamanship Reereation
	First	7.50 to 9.50 a. m.	M. E. & N. C.	M. E. & N. C	Infantry	M. E. & N. C	Infantry	Infantry
	Platoons		(1, 3 2, 4	1,3	1, 3	1,3	1,3	[1, 3[2, 4
	Day		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

(1) The fourth class program changes on I September. In modern languages, the first and third platoons study Spanish, the second and fourth platoons study French. Assignments to each language on entrance become permanent for the entire course, and assignments of the fourth class to battalions in the regiment for the opening of the academic year is made from the platoon with the corresponding number.

(2) Where a drill involving physical exercise is followed by a recitation period, the drill officer will dismiss in sufficient time for a bath and the necessary change of clothing or uniform required for the recitation.

(3) Except when modified by this program, articles 622-624 remain in effect.
(4) There will be mass singing from 8-8.30 p. in. Monday and Friday from 16 June to 1 September.
(5) Two feetures last half of month.

RÉSUMÉ OF COURSE OF INSTRUCTION

EXECUTIVE

The executive department, under the direction of the commandant of midshipmen, accomplishes the following functions:

Development of officer-like character and qualities in midshipmen.

Enforcement of the regulations for interior discipline.

Service of the regiment by its auxiliary departments, including the commissary, midshipmen's store, tailor shop, cobbler shop, and barber shop.

Administration of Bancroft Hall, where the regiment is quartered.

Accomplishment of executive drills, namely, infantry, setting-up, and bayonet exercises.

Supervision over all midshipmen entertainments and activities other than academic work.

Supervision of the Naval Academy Band, the police force, and fire organization.

Operation and upkeep of Naval Academy farm and dairy.

It is the endeavor of this department to instill into the regiment of midshipmen the highest standard of honor, loyalty, and patriotism. This is accomplished in the development of mental and physical cleanliness, the proper sense of duty and responsibility, and ability to command men.

Number of drill weeks per battalion, class, and department during academic year 1924-25

	First battalion				Second battalion			
Department	First class	Second class	Third class	Fourth	First class	Second	Third class	Fourth
Executive	13 7 4 4 4 1	12 6 5 9 2 0	9 5 7 13 0 0	9 2 8 5 0 0	14 7 4 4 1	12 6 5 9 2 0	9 5 7 13 0 0	9 2 8 4 0 0
Dancing Total	34	34	34	34	34	34	34	34

	Third battalion				Fourth battalion			
Department	First class	Second	Third class	Fourth class	First class	Second	Third class	Fourth class
Executive	13 7 4 4 5 1	13 6 5 8 2 0	9 5 7 13 0 0	9 2 8 4 0 0	13 8 4 4 4 1	12 7 5 8 2 0	9 5 7 13 0 0	9 2 9 4 0 0
Dancing	0	0	0	4	0	0	0	4
Total	34	34	34	34	34	34	34	34

Note A.—A drill week begins Monday and ends Saturday, drills being held

daily except Wednesday.

Note B.—In addition to above scheduled drills, commencing Monday, 24 November, 1924, and ending Saturday, 28 March, 1925, weekly gymnasium work will be held as follows: The first class on Saturdays; the second class, first and second battalions, on Mondays, third and fourth battalions on Tuesdays; the third class, first and second battalions, on Thursdays, and third and fourth battalions, on Fridays.

Note C.—During winter drills (from 24 November to 28 March, inclusive), when first class has ordnance, it will attend ordnance drill Saturday mornings of ordnance weeks instead of going to gymnasium.

Note D.—Graduation exercise drills will be specially prescribed.

NOTE E.—Fire drills will be held monthly.

NOTE F.—During the second period on Saturdays of December, January, February, and March, the second class will have recitation in Seamanship and the third class will have recitation in E. E. & P.

SEAMANSHIP

The department of seamanship has for its mission the instruction of midshipmen to the end that upon graduation they may be capable of efficiently performing the duties of a junior officer afloat, as junior officer of the watch, junior deck division officer, junior forecastle officer, boat officer, assistant communication officer, and recorder of a summary court-martial.

Seamanship drills commence with the day of the fourth classman's entrance into the academy, continue throughout the entire course, and are supplemented by practical instruction on the practice cruises. Commencing with learning how to pull a service cutter, the drills progress through handling service-type and civiliantype boats under oars, sail, and power; signals—semaphore, Morse visual code, and flag hoist; ground tackle work; knotting and splicing; compass, log, and lead; tactics and evolutions; and communications.

In general, members of the fourth class take the ordinary crew duties, and have qualifications similar to seaman; third class, as important crew members, with qualifications as petty officer; second class, as second in command, with qualifications as chief petty officer; and first class, in command, with qualifications as junior officer.

Recitations are held in seamanship first term of third year, and throughout both terms of the fourth year. The instruction covers signals, seamanship in general, nautical phraseology, communications, regulations, military law, elementary strategy and tactics, international law, and leadership.

For the first class, additional instruction in tactics and in seamanship evolutions is carried on in submarine chasers, all of the duties of the deck force being taken over by the midshipmen, under the supervision of experienced officer instructors.

ORDNANCE AND GUNNERY

The course includes all the theoretical and practical instruction required for the performance of gunnery duties aboard ship as a junior officer and in addition gives a thorough basic foundation for future study and development work in ordnance and gunnery. It is divided into two parts, section room and practical instruction. The section room instruction covers subjects which must be studied and can best be learned as a midshipman; the practical instruction and drill includes work with all types of naval ordnance from small arms to turret guns and methods for control of all weapons. Drills which can be best given aboard ship and preparations for target practice are held during the practice cruise and not at the Naval Academy.

The practical work begins the summer of the fourth class year and includes firing on the rifle range with rifles and pistol up to the experts, course, drill with broadside guns, and explanation of all ordnance equipment and models in Dahlgren Hall. During the fourth, third, and second class years this practical instruction is continued with machine guns, broadside battery, models and training in the duties of all personnel connected with ordnance. First class year is devoted to fire control and methods of using broadside and turret guns, torpedoes, aviation ordnance, grenades, and gas masks.

Instruction in the section room begins the second term, second class year, with a study of principles of naval ordnance gun design and elementary fire control as preparation for the duties of the first class practice cruise, when midshipmen, first class, perform the duties of officers in gunnery exercises with the fleet. In first class year a study is made of the theory of gun design, powder pressures, velocities and trajectories of projectiles, ranges and errors of naval guns, fire control of all types of guns, gunnery methods, including aviation gunnery, torpedoes and mines, and the duties of a junior officer in the gunnery department aboard ship.

Textbooks and service publications are used which have been specially written by experienced officers of the United States Navy for instructional purposes of midshipmen and junior officers. Besides the study of these, a series of lectures on practical ordnance and gunnery is given by officers from the Navy Department and the fleet.

Throughout the course great stress is laid not only upon the duties of a junior officer in gunnery, but the relation of each subject to the development of ordnance and gunnery in the United States Navy, the present gunnery methods of the fleet and the possible future requirements which must be met by naval officers who are graduates of the Naval Academy.

NAVIGATION

The time assigned to the department of navigation and the utilization of same is as outlined below:

The subject of navigation is first taken up by the midshipman during his second class cruise and is continuous from then until graduation. Ground covered by terms:

Second class cruise.—Elementary navigation to the sailings, including definitions, instruments, charts.

Second term, second class year.—Navigation up to point of working sights as follows: Nautical astronomy, definitions, charts, compass and piloting, sailings, and dead reckoning, chronometer, time, Nautical Almanac. From sights to day's work as follows: Time, Nautical Almanac; latitude sights, azimuth, St. Hilaire-all of sun; sidereal time, latitude, azimuth, and St. Hilaire of heavenly bodies; interval to noon, day's work.

First class cruise.—One-half of the first class are on deck detail for each half of the cruise and while on this detail do navigation daily. This consists of, in clear weather, day's work, morning and noon sights, noon position, and morning or evening star sights. In cloudy weather other suitable navigational subjects are assigned.

First term, first class year.—To a great extent a general review of second class work, but going more fully into the subject, especially so with compass work.

Second term, first class year.—Day's work with all variations, gyro compass, and short course on tides, sun and moon, rise and set, and surveying. The aim of the department in above courses is to thoroughly ground the midshipman in the principles of navigation so that on graduation he will be a valuable assistant to the navigator of any ship.

During the academic year one week of drill is given the first class. These drills consist of handling and adjustment of sextant, use of artificial horizon, piloting in Annapolis Harbor, instruments and publications for purposes of navigation.

Work aftoat.—Throughout the summer practice cruises the midshipmen are required to perform all the general duties of a navigator, with particular reference to the adjustment and use of the navigational instruments on board, to practical piloting, and, at sea, to the determination of the ship's position by observation.

MARINE ENGINEERING AND NAVAL CONSTRUCTION

Mechanical drawing and descriptive geometry (first year, first term).—Instruction in use of drawing instruments and development of manual dexterity in employment. Standard methods of lettering and practice in their use Application of the foregoing to descriptive geometry, with the representation of lines, planes, curved surfaces and intersections, in order to develop the ability to visualize objects in space.

Engineering drawing (first year, second term, and second year, first term).—Making of free-hand working sketches of small machine parts, with full dimensional data taken from work, and the making of standard working drawings from such sketches. The making of detailed from assembled drawings, and vice versa, particular emphasis being laid upon the ability to correctly read blue prints.

Mechanical processes (second year, second term).—A study of engineering and construction materials and the essential steps in producing them from the ore to the finished product. Methods of shaping metals for use and the shop processes generally used in mechanical and marine engineering construction. Construction and operation of principal machine tools and work for which employed.

Boilers (second year, second term).—A study of marine boilers, including a detailed study of the more important types, with methods of manufacture and materials used; general methods of repair; fuels, both oil and coal, and proper method of burning for greater economy; boiler auxiliaries and details of construction; tests and how conducted; operation, care, preservation, and overhaul.

Elements of mechanisms (third year, first term).—A study of the underlying principles governing the relative motions of parts of machinery, including revolving and oscillating bodies; belt, rope, and chains; motion by pure rolling contact; gears and gear teeth; wheels in train; inclined plane, wedge screw, worm, and wheel; cams; relative velocities of rigidly connected points; linkwork; straightline mechanisms; parallel motions; aggregate combinations; pulley blocks; intermittent motion.

Naval reciprocating engines and auxiliary machinery (third year, first and second terms).—General principles and thermodynamics as applied to this type of engine; detailed study of mechanical parts and materials used; measurement of power; construction and operation of condensers, pumps, valves, heaters, tanks, etc.; lubrication, operation, care, and overhaul of complete installations.

Thermodynamics (third year, second term).—The utilization of heat as energy to perform mechanical work in various types of machinery such as turbines, internal-combustion engines, refrigerating machinery, etc., including a study of the use of steam tables and diagrams.

Steam turbines (fourth year, first term).—Underlying principles of turbines, their classification into types, and the characteristics of each type. Necessary turbine auxiliaries. Detailed study of Parsons and Curtis marine turbines, and a general study of the various makes of smaller turbines used in the Navy. Operation and care of marine turbine installations.

Internal-combustion engines (fourth year, second term).—Underlying principles of internal-combustion engines. Study of Otto and Diesel cycles, and their ap-

plication to existing types of engines. Fuels and lubricants. Detailed study of marine types of gasoline and oil engines, and of aircraft engines, including mechanical parts, carburction, lubrication, cooling and ignition systems, and methods of reversal. Most common faults and remedies.

Naval construction (fourth year, second term).—General study of ship's lines and definitions pertaining thereto. Various steps in planning a ship. Calculations of areas and volumes. General principles of stability, both static and dynamic. Displacement and trim, with curves in relation thereto. Effects of weight distribution and of weight shifting. Resistance of ships. Coefficients of speed. Law of corresponding speeds. Ship nomenclature. Details of construction of naval vessels. Launching and docking. General arrangement of ship compartments and methods of flooding, draining, and ventilating. Details of steering gear. Care and preservation of hulls.

PRACTICAL WORK

First year.—Pattern shop: Selection and treatment of different woods for different purposes; elementary work of the carpenter shop, through mortising, joining, woodworking lathe, etc., to finished pattern work.

Machine shop: Vise bench work showing the proper use of various bench tools. Miscellaneous: Examination of and lecture on models of valves, boilers, and engines.

Practice cruise.—Handling of ship's boilers when in port and at sea; management of main and auxiliary machinery; fireroom and engineroom routine; overhauling machinery, cleaning boilers, evaporators, etc.

Second year.—Foundry: Kinds of sand and implements used; making of molds;

melting and pouring of iron and brass.

Forge shop: Equipment and tools used; forging, welding; tempering, case-hardening, etc.; bending and quenching tests of metals, etc.

Boiler shop: Riveting, soft and hard patching; calking, annealing, cutting out

tubes, expanding tubes, etc.

Coppersmith shop: Soldering, hard and soft; making copper pipe; putting flanges on pipe; use of oil furnace and oil heater; sweating patch on a copper pipe.

Machine shop: Machine-tool work from working drawings including the setting of work; machine tools used are lathes, planers, vertical and horizontal boring mills, simple and radial drill pressers, shapers, milling machines, slotters, etc.

Fuel-oil-burning boiler: Lighting fires and raising steam from a cold boiler; handling boiler under forced draft; control of fires for smokeless or smoke conditions; study of various types of burners; safety precautions to be observed in the handling and burning of fuel oil.

Miscellaneous: Use of various measuring instruments; gauge calibration; acetylene cutting and welding; electric welding; thermit welding; stength of metals.

Practice cruise.—Engineroom and fireroom routine in port and at sea; management of boilers in port and at sea; management of main and auxiliary machinery; overhauling machinery, cleaning boilers, evaporators, etc.

Third year.—Lining up, bearing adjustment, and valve setting of engines; operation and overhauling of evaporator plant, refrigerating plant, air compressors, traps, steering and anchor engines, detailed inspection of pumps, condensers, and distillers; propeller measurements; operation of steam reciprocating engines; and determination by indicator of horsepower developed; coal testing; flue gas analysis; boiler inspections and tests.

Practice cruise.—Administration of engineer department; management of boilers in port and at sea; management of main and auxiliary machinery under various conditions of steaming; overhauling machinery, cleaning boilers, evaporators, etc.;

engineroom and fireroom routine in port and at sea.

Fourth year.—Operation of steam turbines and internal-combustion engines; determination, by dynamometer, of horsepower developed; torsion meter; detailed inspection of marine turbines, reduction gear, and condensing plant;

detailed inspection of carburetors and the adjustment of them; detailed inspection of various types of marine and aircraft gas engines; also of models of various ships showing the details of warship construction; operation of graving and floating dry docks; water testing; fuel-oil testing.

MATHEMATICS

Solid geometry (first year, first term).—The geometry of lines and planes in space, polyhedrons, cylinders, cones, spheres; development and use of formulas for surfaces and volumes; demonstrations of propositions; solution of problems by construction and computation.

Logarithms (first year, first term).—Definitions and properties; practical use in computation; tables of logarithms of numbers, of logarithms of trigonometric functions, and tables of natural functions; haversine tables; special system of forms for computation.

Plane trigonometry (first year, first term).—Measurement of arcs and angles; trigonometric functions; development and use of fundamental trigonometric relations and identities; solution of trigonometric equations; solution of all cases of plane triangles, including development of formulas and methods for same; simple applications to measuring heights and distances.

Mathematical analysis (first year, first term).—Functions and graphs; instantaneous rates, tangents, areas, etc., as limits; differentiation; integration.

Mathematical analysis (first year, second term).—The remainder of this text is completed during the second term and is taken concurrently with college algebra and plane analytic geometry—parts of each of these two subjects being taken up when needed by the treatment of the analysis. The remainder of the analysis covers—trigonometric functions, logarithmic and exponential functions; rectangular coordinates; solutions of equations; polar coordinates; trigonometric analysis; definite integrals; progressions and series; permutations, combinations and probability; complex number system.

Algebra (first year, second term).—Short review of important parts of elementary algebra; beyond quadratics and advanced algebra, including inequalities, mathematical induction, binomial theorem, variation, progressions, complex numbers, theory of equations, partial fractions, permutations, combinations, probability, determinants.

Analytic geometry (first year, second term, and second year, first term).—Cartesian and polar coordinates; equations of straight lines and of the conic sections; equations of given loci; loci of given equations, analysis and plotting; parametric equations; transcendental curves; general equation of second degree, discussion and simplification; equations of the plane, of the straight line in space, and of special surfaces of second order.

Calculus (second year, first term).—Taken concurrently with solid analytic geometry; constants, variables, and functions; derivatives of algebraic functions, applications of derivatives; differential notation; differentiation of transcendental functions; integrations; applications of integrations; successive differentiations and integrations; curves and curve tracing; definite integrals; application of integrations to geometry and mechanics; special methods of integrations; functions of two or more variables; multiple integrals; infinite series.

Mechanics (second year, second term).—Theory and use of slide rule; vectors; statics of a particle; forces acting on a rigid body; statics of a rigid body; centers of gravity and moments of inertia; fluid pressure; deformable bodies, beams; rectilinear motion; work and energy; curvilinear motion; dynamics of a rigid body.

Note.—Due to change in arrangement of course "Mechanics" will be given also during third year, first term, but in following years will occur second year, second term.

Mechanics (third year, first term).—Theory and use of slide rule; vectors; statics of a particle; forces acting on a rigid body; statics of a rigid body; centers of gravity and moments of inertia; fluid pressure; deformable bodies, beams; rectilinear motion; work and energy; curvilinear motion; dynamics of a rigid body.

Spherical trigonometry and stereographic projections (third year, first term).—Solution of all cases of spherical triangles, including development of formulæ; graphical solution of spherical triangles; great circle courses and distances, both graphical and numerical solutions; the astronomical triangle and its projection in various primitives; numerical solutions of astronomical triangle covering various cases—time sight, meridians, altitude, etc.

Note.—Due to change in arrangement of course no class will have spherical trigonometry and stereographic projections this year, but it will be given at this point next year.

ELECTRICAL ENGINEERING AND PHYSICS

The courses of instruction undertaken by this department cover a wide scope and include chemistry, physics, direct-current electricity, alternating-current electricity, and radio. The time available for each of these subjects is comparatively short, and the courses are, therefore, more or less elementary, special emphasis being placed on fundamental principles. The following is an outline of the subjects studied by each class.

THIRD CLASS—FIRST TERM

The first term is devoted to the study of chemistry, the ground covered being general inorganic chemistry, with laboratory work. In addition, lectures are given on the application of chemistry to devices and appliances in the service, viz, water testing, gas analysis, explosives, war gases, and include elementary organic chemistry and qualitative analysis.

Practical work in the chemical laboratory supplements the classroom instruction. Simple experiments are performed illustrating mechanical mixtures, chemical compounds, the preparation and properties of various gases, the electrolysis of water, the properties of metal and their compounds, etc.

While the shortness of the time allowed necessitates only an elementary treatment of most subjects, it is believed that the course is of sufficient scope for the needs of a naval officer.

SECOND TERM

The important subject of physics is covered during the second term and includes a study of mechanics, heat, light, and sound, and magnetism, and the application of the various natural laws and phenomena in these branches of the subject. The course forms the groundwork for more advanced studies in other departments, and includes the elements of thermodynamics, problems on the flight of projectiles, and the theory and practical application of the gyroscope in the torpedo, the gyrocompass, and stabilizers for ships.

Practical work in the physics laboratory comprises experiments illustrating various physical laws and phenomena studied in the classroom. A number of lectures are also given during the term.

SECOND CLASS-FIRST AND SECOND TERMS

The whole of second class year is devoted to the study of magnetism, electrostatics, and direct-current electricity. During the first term, the fundamentals of simple electric circuits are studied with applications of Ohm's and Kirchhoff's

laws, while the second term is devoted principally to the theory and operation of dynamo electric machines and to the electrical installations found on board naval vessels.

The laboratory work covers the following: Magnetic fields, induced currents, measurement of resistance, divided circuits, fall of potential, use and calibration of different measuring instruments supplied to ships, setting up and operation of primary and secondary batteries, operation of searchlights, arc and mercury vapor lamps, telephones and other electrical interior communication apparatus supplied to naval vessels, operation and measuring efficiencies of dynamos and motors, devices for motor-control, manipulation of switchboard, operation of electrical machinery supplied to naval vessels, testing for and locating faults and grounds, measuring insulation resistance of electric plants, etc.

A series of lectures is also given during the term which are designed to elucidate difficult points, and as a review of the text already covered.

FIRST CLASS-FIRST AND SECOND TERMS

The first class takes up the subjects of radio and alternating-current electricity, the time available in each term being about equally divided between the two studies. The radio course has been extensively enlarged, and covers, in addition to simple spark sets, the use of vacuum tubes in radio transmission, including the radiotelephone. The course in alternating-current electricity is considered to be of great importance due to the application of alternating-current machinery on board ship, principally in connection with the electric drive. The course starts with the theory of alternating-current generators and simple alternating-current circuits, and advances into the study of synchronous motors, transformers, polyphase currents, and induction motors, with the application of the latter to the electric drive.

Laboratory work and lectures form an important part of the course. The electrical laboratory work comprises an elementary study of inductance and capacity in alternating-current circuits, alternating-current dynamos, motors, and transformers. In the radio laboratories the instruction comprises experiments with simple oscillating circuits, spark sets, arc sets, vacuum-tube sets, and amplifiers.

ENGLISH

Instruction is given in composition, literature, naval history, and modern European history. In composition the emphasis is put upon (1) the paragraph, as the constructive unit; (2) the letter, social and official, this being the kind of composition that every midshipman will be called upon most frequently to write; (3) the naval report, a species of writing that ranges in subject matter from a damaged catboat to a fleet engagement; and (4) after-dinner speaking, an oral form of composition in which no naval officer can be inexperienced without loss of dignity and usefulness. But composition is not divorced from literature. The two are taught together, literature furnishing both model and incentive to composition. The types of literature studied are the epic, the lyric, the ballad, the drama, history, biography, the letter, the speech, and the essay—all the existent types except the novel and the short story. The essay is stressed more than any other type, one whole term being given by the third class to a study of modern essays that treat modern themes.

In naval history no attempt is made to teach strategy as such, but the evolution and influence of sea power are traced from Salamis to Jutland, the facts of each great engagement being so presented that an adequate foundation is laid for later and more specialized studies in both strategy and tactics. In modern European

history the course consists of a comprehensive textbook, supplemented by lectures, some of them by historians of national reputation and others by men of affairs who are authorities on the countries studied. The aim is not only to vitalize the study of history but to give the midshipman such a knowledge of national ideals and international problems as will fit him to be an intelligent and tactful representative of America and Americanism in every port he may visit.

At the beginning of every course in English the effort is made to secure the interest and cooperation of the midshipman by making clear to him just how and why the proposed course will be of practical benefit to him in his career as a naval officer.

MODERN LANGUAGES

- 1. The mission of the department of modern languages is to give to midshipmen a sufficient knowledge of French or Spanish to help or enable them to converse in the foreign tongue, to express themselves clearly in written communications, and to read with sufficient ease French or Spanish of average difficulty. Throughout the course emphasis is laid on the knowledge of fundamental elementary principles to the end that, however late in his career he may be called upon to utilize his knowledge, the officer will have a solid foundation on which to build.
- 2. On admission to the Naval Academy approximately one half of the midshipmen are assigned to study French while the other half are assigned to study Spanish. This assignment depends on the preference of the individual midshipman and is permanent for the entire course.
- 3. The textbooks in use are modern and practical. Since the number of midshipmen in a section does not exceed 15, special attention is given to the individual.
- 4. The course in modern languages covers three academic years and consists of approximately 200 recitations.

HYGIENE

Soon after entrance midshipmen of the fourth class are given a course in per sonal hygiene and the care of the human machine. This includes a series of lectures to the class as a whole and instructions of a more detailed character over a period of several months to small groups of the class. The purpose of this course is to prepare the members of the entering class to make their fullest personal contribution to the continuance of their health (individually and collectively) and thus to their best scholastic possibilities. In other words, it is to ground them in the art of keeping themselves in good health—to acquaint them with those precautions which every man can take in his own behalf to prevent disease or minimize its effects and thus maintain himself at all times in the best possible physical condition and mentally alert. The course comprises the following subjects:

- (a) Physical education; i. e., care of the human machine.
- (b) Personal hygiene, including social hygiene education.
- (c) Physical training, the benefits of muscular activity, and the dangers of overtraining.
 - (d) Preventable diseases and simple rules for maintaining health.
 - (e) Oral prophylaxis and the care of the teeth.
 - (f) Mental health, self-mastery, and characterology.

A competent representative of the medical department is always present at all official contests and authorized sports. For graduation a midshipman is required to show, by standard strength and gymnasium tests, that he is 100 per cent physically efficient.

The first class during the second term is given a course in general hygiene, physiology, and first aid, using the adopted textbook by Commander R. G. Heiner, Medical Corps, United States Navy. An outline of the course is as follows:

I. Minute anatomy and cell physiology.

II. Gross anatomy and physiology.

III. Bacteriology.

IV. Preventative diseases.

V. Venereal diseases.

VI. Naval hygiene.

VII. Military hygiene.

VIII. Physical training.

IX. First aid, including that for the effects of gas warfare.

X. Alcohol and other narcotics; their effects and dangers.

The course is illustrated by charts, manikin, skeleton, blackboard drawings, and moving-picture reels and includes a special lecture on the relation of the oral cavity to the general nutrition and health of the body.

Emphasis is placed on the methods of giving first aid, and practical demonstrations are given in order to prepare these future officers for the instruction of the men of their divisions, as required by Navy Regulations.

At the end of this course of 14 periods an examination is held covering all of the subjects contained in the textbook above mentioned.

PHYSICAL TRAINING

Strength tests are made of each midshipman by the gymnasium medical officer and careful records are prepared and kept as a guide to his physical development. Special exercises are prescribed to build up weak muscle groups as shown by the strength tests.

Recognizing the importance of posture to health, that of individual midshipmen on entrance, and such changes in it as may occur during the life at the academy will be subject to periodic observation and comparison with the aid of photographs, and these will be kept in a permanent record. Variation from normal will be demonstrated to the midshipman concerned with a view to enlisting his cooperation in corrective measures, and various exercises will be employed to accomplish the required correction.

Careful supervision of the physical development of all midshipmen is maintained throughout their entire time at the Naval Academy.

Company drills in Swedish exercises; instruction in the use of apparatus; special exercises to promote symmetrical physical development; each individual carefully instructed by medical officer in connection with physical training in conjunction with strength test card (covering exercises for muscle development and corrective exercises for poor brace); class work in wrestling, boxing, swimming, and fencing (small swords, broadswords, canes, and bayonets); training in the art of giving commands; company instruction in indoor and outdoor sports (football, baseball, crew, basket ball, lacrosse, soccer, tennis, handball) and in the elementary work of same; instruction in refereeing, wrestling, boxing, and swimming; instruction on life-saving and resuscitation of the apparently drowned. All midshipmen are given strength test to test muscle ability and physical requirement test to test the use of muscles. The physical requirement test includes such as running quarter mile, high jump, broad jump, chinning on horizontal bar, dips on parallel bars, rope climbing, etc.

PRIZES AWARDED DURING THE ACADEMIC YEAR, 1923–24

PRESENTED BY THE UNITED STATES NAVAL ACADEMY FOR GENERAL EXCELLENCE IN TARGET PRACTICE

Gold medal, small arms, Midshipman M. C. Mumma, jr., class of 1925; silver medal, small arms, Midshipman G. M. Cox, class of 1925; bronze medal, small arms, Midshipman A. D. Kramer, class of 1925.

Midshipmen who qualified as expert riflemen:

SECOND CLASS

Caldwell, R. S.	Goodwin, J. F.	Orville, H. T.
Collins, C. J.	Hoffner, C. C.	Ray, C. C.
Cox, G. M.	Kramer, A. D.	Smith, C. C.
DeShazo, J. P.	May, B., 2d.	Smith, L. R.
Duncan, R. J.	Mumma, M. C., jr.	Tucker, D. P.
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THIRD CLASS

Buchanan, C. A.	Fullinwider, R.	Lindsey, W. C.
Chrisman I A		

Chrismon, J. A.

CLASS OF 1897 SWORD AND CUP

A sword is awarded annually by the class of 1897 to that midshipman who has contributed most by his officerlike qualities and positive character to the development of military spirit and loyalty within the regiment. The name of the midshipman to whom the sword is awarded is inscribed on the class of 1897 cup. The cup is retained at the Naval Academy. Midshipman John Thomas Hogg, class of 1924, was awarded the sword and his name was inscribed on the cup.

CLASS OF 1871 SWORD

The class of 1871 provides funds each year to be given to that midshipman of the graduating class who is most proficient in practical and theoretical ordnance and gunnery, with the understanding that the recipient will purchase a Navy dress sword with these funds. There are further requirements as to how the sword shall be engraved. Midshipman Clarence Eugene Ekstrom, class of 1924, was awarded this prize.

GENERAL SOCIETY, SONS OF THE REVOLUTION CUP

A cup has been presented to the Naval Academy by the General Society, Sons of the Revolution, and remains here. Each year the name of the midshipman who is most proficient in practical ordnance and gunnery is inscribed thereon. The name of Midshipman Edward Vincent Dockweiler, class of 1924, was inscribed on the cup.

NATIONAL SOCIETY, DAUGHTERS OF THE AMERICAN REVOLUTION CUP

A cup is presented each year by the National Society, Daughters of the American Revolution, and the name of the midshipman who excels in practical seamanship is inscribed thereon. Midshipman Henry Clay Drexler, class of 1924, was awarded the cup.

THOMPSON PRIZE

A navigating sextant is awarded by Col. Robert M. Thompson to the member of each graduating class who proves himself most proficient in practical and theoretical navigation. Midshipman Clarence Eugene Ekstrom, class of 1924 was the recipient of the sextant.

VAN DYKE PRIZE

A gold watch, suitably inscribed, is presented by Dr. Henry Van Dyke to the member of each graduating class who submits the best original article or theme on any naval or equally patriotic subject. Midshipman Samuel Guernsey Kelly, class of 1924, was awarded the prize.

GARDNER L. CASKEY MEMORIAL PRIZE

A watch, known as the "Gardner L. Caskey Memorial Prize," is presented each year to the midshipman who graduates at the head of his class for the course. The watch was awarded to Midshipman Armand Malcolm Morgan, class of 1924.

MAURY PRIZE

A pair of marine binoculars, known as the Maury Prize, is presented by the United Daughters of the Confederacy to the midshipman of the third class who excells in physics. Midshipman John Sylvester, class of 1926, was awarded this prize.

THOMPSON TROPHY CUP

A cup, known as the "Thompson Trophy Cup," has been presented to the Naval Academy by Col. Robert M. Thompson, class of 1868, on which is inscribed each year the name of the midshipman who shall be declared by the executive committee of the Navy Athletic Association to have done the most during the year preceding for the promotion of athletics at the Naval Academy. This cup was awarded to Midshipman Stephen George Barchet, class of 1924.

NAVY ATHLETIC ASSOCIATION SWORD

A sword is presented at the end of each academic year by the Navy Athletic Association to the midshipman who is considered to have personally excelled in general athletics during that year. Midshipman Ira Charles McKee, class of 1924, was awarded the sword.

LETTERS OF COMMENDATION AND APPRECIATION

In accordance with Naval Academy Order 55-21, letters of commendation and appreciation were addressed to the below-named midshipmen, they having contributed most to the development of naval spirit and loyalty within the regiment during the academic year 1923-24:

John Thomas Hogg, class of 1924. Stephen George Barchet, class of 1924. Merle Alexander Sawyer, class of 1924. William Pearsol Cochran, jr., class of 1924.

HARVARD SHIELD

The numerals of the class of 1925 were engraved on the "Harvard Shield," which was presented by the Associated Harvard Clubs, as that class which excelled in interclass athletic contests during the past year.

CRENSHAW CUP

The name of Midshipman Louis Hunter Gwinn, class of 1924, was inscribed on the Crenshaw memorial cup for 1924. This cup was presented by Mr. E. A. Crenshaw and upon it is to be inscribed each year the name of the coxswain of that eight-oared crew winning the greatest number of races for that year.

LYSISTRATA CHALLENGE CUP

The race for the "Lysistrata challenge cup" was held on 24 August, 1924. Midshipmen crews in standard navy racing cutters competed. The crews finished in the following order: Arkansas, Wyoming, New York, Texas.

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